

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
Commodities and Alternative Investments Futures						
COCOA TAS	CJ	29	75	-61.3%	34	-14.7%
COFFEE	KT	3	17	-82.4%	2	50.0%
COTTON	TT	4	8	-50.0%	12	-66.7%
SUGAR 11	YO	12	48	-75.0%	11	9.1%
Energy Futures						
CRUDE OIL PHY	CL	1,750,691	1,679,399	4.2%	1,723,760	1.6%
CRUDE OIL	WS	4,912	13,519	-63.7%	4,939	-0.5%
MINY WTI CRUDE OIL	QM	3,076	5,883	-47.7%	3,664	-16.0%
BRENT OIL LAST DAY	BZ	169,497	142,888	18.6%	157,073	7.9%
HEATING OIL PHY	HO	378,361	367,556	2.9%	409,532	-7.6%
HTG OIL	BH	3,446	102	3,278.4%	3,380	2.0%
MINY HTG OIL	QH	1	1	0.0%	2	-50.0%
RBOB PHY	RB	387,931	377,041	2.9%	390,860	-0.7%
MINY RBOB GAS	QU	0	0	0.0%	0	-
NATURAL GAS	HP	118,102	96,544	22.3%	109,206	8.1%
LTD NAT GAS	HH	282,263	393,380	-28.2%	263,843	7.0%
MINY NATURAL GAS	QG	2,609	1,959	33.2%	2,982	-12.5%
PJM MONTHLY	JM	9,356	13,269	-29.5%	9,514	-1.7%
NATURAL GAS PHY	NG	1,054,914	1,037,262	1.7%	1,076,185	-2.0%
RBOB GAS	RT	2,441	508	380.5%	2,554	-4.4%
3.5% FUEL OIL CID MED SWA	7D	893	84	963.1%	1,052	-15.1%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	30	-100.0%
AEP-DAYTON HUB DAILY	VD	238	0	-	268	-11.2%
AEP-DAYTON HUB MTHLY	VM	1,379	2,338	-41.0%	1,460	-5.5%
AEP-DAYTON HUB OFF-PEAK M	VP	1,069	2,794	-61.7%	1,172	-8.8%
ALGON CITY GATES NAT GAS	N7	2,448	0	-	2,448	0.0%
ALGONQUIN CITYGATES BASIS	B4	2,581	192	1,244.3%	2,286	12.9%
ANR LOUISIANA BASIS SWAP	ND	492	1,230	-60.0%	612	-19.6%
ANR OKLAHOMA	NE	5,500	8,280	-33.6%	6,130	-10.3%
APPALACHIAN COAL (PHY)	QL	25	527	-95.3%	30	-16.7%
ARGUS LLS VS. WTI (ARG) T	E5	16,343	9,928	64.6%	17,536	-6.8%
ARGUS PROPAN FAR EST INDE	7E	2,221	521	326.3%	2,109	5.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,247	382	226.4%	1,200	3.9%
AUSTRIALIAN COKE COAL	ALW	1,063	925	14.9%	1,063	0.0%
BRENT BALMO SWAP	J9	0	2,159	-100.0%	0	-
BRENT CALENDAR SWAP	CY	17,677	30,132	-41.3%	16,925	4.4%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	-	0	-
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	6,923	8,576	-19.3%	6,923	0.0%
BRENT FINANCIAL FUTURES	MBC	30	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	63	30	110.0%	288	-78.1%
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	11,078	835	1,226.7%	9,841	12.6%
CARBON EUA EMISSIONS EURO	RC	0	0	-	0	-
CENTERPOINT BASIS SWAP	PW	22,188	17,653	25.7%	22,980	-3.4%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	57,609	54,042	6.6%	53,393	7.9%
CHICAGO ULSD (PLATTS) SWA	4C	21	67	-68.7%	24	-12.5%

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CHICAGO ULSD PL VS HO SPR	5C	1,423	2,507	-43.2%	1,847	-23.0%
CHICAGO UNL GAS PL VS RBO	3C	607	233	160.5%	1,060	-42.7%
CIG BASIS	CI	52,232	16,192	222.6%	53,336	-2.1%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	508	844	-39.8%	558	-9.0%
CINERGY HUB PEAK MONTH	EM	386	974	-60.4%	400	-3.5%
CIN HUB 5MW D AH O PK	K2	316,480	281,672	12.4%	327,080	-3.2%
CIN HUB 5MW D AH PK	H5	21,038	19,013	10.7%	21,544	-2.3%
CIN HUB 5MW REAL TIME O P	H4	720,824	477,192	51.1%	820,008	-12.1%
CIN HUB 5MW REAL TIME PK	H3	50,274	15,445	225.5%	49,251	2.1%
COAL SWAP	ACM	90	355	-74.6%	270	-66.7%
COAL SWAP	SSI	30	864	-96.5%	56	-46.4%
COLUMB GULF MAINLINE NG B	5Z	32,924	39,685	-17.0%	35,075	-6.1%
COLUMBIA GULF MAIN NAT G	L2	1,836	0	-	2,208	-16.8%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	22,797	27,831	-18.1%	23,697	-3.8%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	745	281	165.1%	734	1.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	330	515	-35.9%	405	-18.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	16,399	11,224	46.1%	17,020	-3.6%
CRUDE OIL	CHB	0	0	-	0	-
CRUDE OIL	LPS	19,410	5,700	240.5%	19,924	-2.6%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	12	173	-93.1%	134	-91.0%
CRUDE OIL OUTRIGHTS	DBL	400	16,841	-97.6%	0	-
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	HTT	2,712	0	-	2,542	6.7%
CRUDE OIL OUTRIGHTS	WCC	13,273	10,551	25.8%	14,731	-9.9%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	0	30	-100.0%	0	-
CRUDE OIL SPRDS	KE	0	0	-	0	-
CRUDE OIL SPRDS	WTT	7,470	975	666.2%	4,795	55.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	10,848	0	-	17,040	-36.3%
DAILY PJM	IDO	27,864	0	-	19,040	46.3%
DAILY PJM	NOC	13,536	0	-	15,240	-11.2%
DAILY PJM	PAP	875	1,484	-41.0%	920	-4.9%
DAILY PJM	PEO	22,160	25,056	-11.6%	16,240	36.5%
DAILY PJM	PNO	59,448	0	-	45,872	29.6%
DAILY PJM	PNP	2,680	0	-	2,350	14.0%
DAILY PJM	PWO	80,008	0	-	54,992	45.5%
DAILY PJM	PWP	4,095	0	-	3,093	32.4%
DAILY PJM	WOR	36,480	0	-	38,520	-5.3%
DAILY PJM	ZAO	39,088	0	-	56,160	-30.4%
DAILY PJM	ZGO	17,408	0	-	16,432	5.9%
DAILY PJM	ZJO	3,088	0	-	5,280	-41.5%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	1,800	-100.0%	0	-
DATED TO FRONTLINE BRENT	FY	10,128	14,021	-27.8%	9,538	6.2%
DEMARCO INDEX FUTURE	DI	800	0	-	180	344.4%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	10	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	9,203	0	-	9,556	-3.7%

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DOMINION TRANSMISSION INC	PG	48,024	18,069	165.8%	42,243	13.7%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	2,521	7,288	-65.4%	1,653	52.5%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	2,232	3,694	-39.6%	2,322	-3.9%
EAST/WEST FUEL OIL SPREAD	EW	328	1,576	-79.2%	345	-4.9%
EIA FLAT TAX ONHWAY DIESE	A5	5,024	5,848	-14.1%	5,140	-2.3%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	42	0	-	42	0.0%
ELEC ERCOT DLY PEAK	I9	0	0	-	0	-
ELEC ERCOT DLY PEAK	N1	0	3,322	-100.0%	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC ERCOT OFF PEAK	ERU	0	0	-	0	-
ELEC ERCOT OFF PEAK	O1	0	59,862	-100.0%	0	-
ELEC FINSETTLED	47	2,804	151	1,757.0%	2,804	0.0%
ELEC FINSETTLED	49	745	0	-	850	-12.4%
ELEC MISO PEAK	4L	745	1,275	-41.6%	850	-12.4%
ELEC MISO PEAK	55	1,612	510	216.1%	1,696	-5.0%
ELEC NYISO OFF-PEAK	4M	13,765	23,520	-41.5%	15,805	-12.9%
ELEC NYISO OFF-PEAK	58	29,796	9,408	216.7%	31,428	-5.2%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	51,544	2,721	1,794.3%	51,544	0.0%
ELECTRICITY OFF PEAK	4P	0	17,122	-100.0%	0	-
ELECTRICITY OFF PEAK	50	13,765	0	-	15,805	-12.9%
EL PASO PERMIAN INDEX SWA	IL	620	0	-	0	-
EMMISSIONS	CPL	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	480	0	-	600	-20.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	11,925	64,335	-81.5%	13,765	-13.4%
ERCOT NORTH ZMCPE 5MW PEAK	I5	889	6,466	-86.3%	1,043	-14.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,142	5,169	-39.2%	3,416	-8.0%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-
EURO 1% FUEL OIL NEW BALM	KX	0	4	-100.0%	0	-
EURO 3.5% FUEL OIL M CRK	FL	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	262	128	104.7%	234	12.0%
EURO 3.5% FUEL OIL SPREAD	FK	859	2,545	-66.2%	842	2.0%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	MFE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	348	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	2	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	635	209	203.8%	706	-10.1%
EUROPE 1% FUEL OIL NWE CA	UF	332	483	-31.3%	421	-21.1%
EUROPE 1% FUEL OIL RDAM C	UH	72	80	-10.0%	91	-20.9%
EUROPE 3.5% FUEL OIL MED	UI	989	84	1,077.4%	1,183	-16.4%
EUROPE 3.5% FUEL OIL RDAM	UV	8,761	12,278	-28.6%	8,671	1.0%
EUROPEAN GASOIL (ICE)	7F	3,578	2,579	38.7%	4,682	-23.6%
EUROPEAN NAPHTHA BALMO	KZ	166	87	90.8%	107	55.1%
EUROPEAN NAPHTHA CRACK SPR	EN	9,518	14,677	-35.2%	10,016	-5.0%
EUROPE DATED BRENT SWAP	UB	3,215	1,831	75.6%	6,060	-46.9%
EUROPE JET KERO NWE CALSW	UJ	23	104	-77.9%	33	-30.3%
EUROPE NAPHTHA CALSWAP	UN	1,614	1,872	-13.8%	1,431	12.8%
EURO PROPANE CIF ARA SWA	PS	1,726	1,019	69.4%	1,664	3.7%
FL GAS ZONE 3 NAT GAS IND	Q9	8,310	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	1,282	8,336	-84.6%	1,040	23.3%

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<b>Energy Futures</b>						
FREIGHT MARKETS	FLP	1,081	69	1,466.7%	1,012	6.8%
FREIGHT MARKETS	FRC	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	19,723	16,283	21.1%	19,829	-0.5%
FUEL OIL NWE CRACK VS ICE	FI	165	365	-54.8%	184	-10.3%
FUEL OIL (PLATS) CAR CM	1W	119	80	48.8%	135	-11.9%
FUEL OIL (PLATS) CAR CN	1X	75	98	-23.5%	78	-3.8%
FUELOIL SWAP:CARGOES VS.B	FS	1,305	2,294	-43.1%	1,428	-8.6%
GAS EURO-BOB OXY NWE BARGES	7H	7,145	6,938	3.0%	7,505	-4.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	28,514	36,762	-22.4%	31,201	-8.6%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CARGOES CIF NE	TW	0	10	-100.0%	0	-
GASOIL 0.1 CIF MED BALMO	X6	0	5	-100.0%	0	-
GASOIL 0.1 CIF MED SWAP	Z4	20	0	-	20	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	5	46	-89.1%	5	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	111	-100.0%	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	65	77	-15.6%	70	-7.1%
GASOIL 0.1 ROTTERDAM BARG	VL	0	10	-100.0%	0	-
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	522	598	-12.7%	241	116.6%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	154	160	-3.8%	164	-6.1%
GASOIL CRACK SPREAD CALEN	GZ	17,991	12,294	46.3%	15,275	17.8%
GASOIL MINI CALENDAR SWAP	QA	801	1,245	-35.7%	841	-4.8%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	-	0	-
GASOLINE UP-DOWN BALMO SW	1K	0	115	-100.0%	0	-
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	0	8	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	6,270	10,748	-41.7%	5,847	7.2%
GRP THREE UNL GS (PLT) VS	A8	2,974	4,081	-27.1%	3,624	-17.9%
GULF COAST 3% FUEL OIL BA	VZ	192	400	-52.0%	864	-77.8%
GULF COAST GASOLINE CLNDR	GS	0	1,452	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	1,129	1,881	-40.0%	881	28.1%
GULF COAST JET VS NYM 2 H	ME	43,392	37,106	16.9%	38,610	12.4%
GULF COAST NO.6 FUEL OIL	MF	50,157	71,261	-29.6%	59,872	-16.2%
GULF COAST NO.6 FUEL OIL	MG	7,435	8,222	-9.6%	8,053	-7.7%
GULF COAST ULSD CALENDAR	LY	4,440	6,561	-32.3%	4,558	-2.6%
GULF COAST ULSD CRACK SPR	GY	6,395	11,328	-43.5%	7,897	-19.0%
HEATING OIL BALMO CLNDR S	1G	0	30	-100.0%	75	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	20	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	-	0	-
HENRY HUB BASIS SWAP	HB	52,035	37,481	38.8%	56,329	-7.6%
HENRY HUB INDEX SWAP FUTU	IN	26,407	25,379	4.1%	33,661	-21.6%
HENRY HUB SWAP	NN	1,389,951	1,656,955	-16.1%	1,359,790	2.2%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	31,992	20,834	53.6%	30,667	4.3%
HOUSTON SHIP CHANNEL INDE	IP	0	180	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	3,425	0	-	3,425	0.0%
ICE BRENT DUBAI SWAP	DB	1,465	2,618	-44.0%	1,850	-20.8%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-

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<b>Energy Futures</b>						
IN DELIVERY MONTH EUA	6T	48,850	85,503	-42.9%	47,350	3.2%
INDIANA MISO	FAD	13,000	5,664	129.5%	14,600	-11.0%
INDIANA MISO	FDM	0	0	-	0	-
INDIANA MISO	FTD	6,528	3,168	106.1%	8,280	-21.2%
INDIANA MISO	FTM	27,530	101,460	-72.9%	31,610	-12.9%
INDIANA MISO	PDD	898	348	158.0%	1,002	-10.4%
INDIANA MISO	PDM	22	4,711	-99.5%	85	-74.1%
INDIANA MISO	PTD	420	224	87.5%	330	27.3%
INDIANA MISO	PTM	0	3,775	-100.0%	0	-
INDONESIAN COAL	MCC	45	525	-91.4%	45	0.0%
ISO NEW ENGLAND OFF-PEAK	KI	434	1,044	-58.4%	472	-8.1%
ISO NEW ENGLAND PK LMP	NI	469	1,393	-66.3%	504	-6.9%
JAPAN C&F NAPHTHA CRACK S	JB	666	329	102.4%	1,020	-34.7%
JAPAN C&F NAPHTHA SWAP	JA	1,990	1,480	34.5%	1,602	24.2%
JAPAN NAPHTHA BALMO SWAP	E6	0	56	-100.0%	3	-100.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	43	133	-67.7%	55	-21.8%
JET BARGES VS ICE GASOIL	JR	2	15	-86.7%	4	-50.0%
JET CIF NWE VS ICE	JC	485	517	-6.2%	454	6.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CARGOES CIF NEW	F3	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,150	2,990	-61.5%	2,934	-60.8%
LA CARB DIESEL (OPIS)	LX	117	16	631.3%	130	-10.0%
LA CARB DIESEL (OPIS) SWA	KL	1,440	1,739	-17.2%	1,565	-8.0%
LA CARBOB GASOLINE(OPIS)S	JL	825	625	32.0%	800	3.1%
LA JET FUEL VS NYM NO 2 H	MQ	503	75	570.7%	562	-10.5%
LA JET (OPIS) SWAP	JS	2,960	1,320	124.2%	2,580	14.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	39,593	53,104	-25.4%	42,820	-7.5%
MARS (ARGUS) VS WTI SWAP	YX	15,117	11,941	26.6%	15,472	-2.3%
MARS (ARGUS) VS WTI TRD M	YV	8,642	1,555	455.8%	9,387	-7.9%
MARS BLEND CRUDE OIL	MB	4,099	0	-	1,499	173.4%
MCCLOSKEY ARA ARGS COAL	MTF	117,953	123,874	-4.8%	133,933	-11.9%
MCCLOSKEY RCH BAY COAL	MFF	17,834	34,569	-48.4%	27,044	-34.1%
MGF FUT	MGF	76	0	-	88	-13.6%
MGN1 SWAP FUT	MGN	581	386	50.5%	668	-13.0%
MICHIGAN BASIS	NF	10,583	3,004	252.3%	11,101	-4.7%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	HM	0	0	-	0	-
MICHIGAN MISO	HMO	210,784	171,568	22.9%	215,680	-2.3%
MICHIGAN MISO	HMW	13,948	11,878	17.4%	14,200	-1.8%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	371	282	31.6%	295	25.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	1,115	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,712	1,242	37.8%	1,964	-12.8%
MISO 5MW OFF PEAK	4R	0	0	-	0	-
MISO 5MW PEAK	4Q	0	0	-	0	-
MJB FUT	MJB	0	0	-	0	-
MJC FUT	MJC	359	340	5.6%	391	-8.2%
MNC FUT	MNC	3,834	4,671	-17.9%	4,155	-7.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	76,937	20,148	281.9%	74,368	3.5%
MONT BELVIEU ETHANE OPIS BALMO	8C	60	280	-78.6%	0	-
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	149,359	74,223	101.2%	142,070	5.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,145	760	182.2%	790	171.5%

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	Commodity	Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
<b>Energy Futures</b>						
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	18,075	11,561	56.3%	18,141	-0.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	380	430	-11.6%	100	280.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	33,224	28,457	16.8%	34,456	-3.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,288	803	60.4%	597	115.7%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-
NAT GAS BASIS SWAP	TZ6	14,536	1,700	755.1%	8,899	63.3%
NATURAL GAS	XAC	0	0	-	0	-
NATURAL GAS	XSC	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	736	0	-	856	-14.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	3,436	0	-	3,736	-8.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	736	0	-	856	-14.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	132	0	-	154	-14.3%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	166	0	-	193	-14.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	24	0	-	28	-14.3%
NATURAL GAS INDEX	TZI	4,990	0	-	4,990	0.0%
NATURAL GAS PEN SWP	NP	323,334	491,987	-34.3%	317,255	1.9%
NEPOOL CNCTCT 5MW D AH O	P3	16,621	10,138	63.9%	16,621	0.0%
NEPOOL CONECTIC 5MW D AH	P2	889	556	59.9%	889	0.0%
NEPOOL INTR HUB 5MW D AH	H2	361,593	288,519	25.3%	362,361	-0.2%
NEPOOL INTR HUB 5MW D AH	U6	23,510	18,780	25.2%	18,892	24.4%
NEPOOL MAINE 5MW D AH O E	W2	0	0	-	0	-
NEPOOL MAINE 5MW D AH PK	P9	0	0	-	0	-
NEPOOL NE MASS 5MW D AH O	P8	0	14,804	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	535	1,389	-61.5%	640	-16.4%
NEPOOL NEW HAMP 5MW D AH	U2	0	302	-100.0%	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	5,442	-100.0%	0	-
NEPOOL RHD ISLD 5MW D AH	U4	6,679	12,126	-44.9%	7,288	-8.4%
NEPOOL RHODE IL 5MW D AH	U5	103,831	197,595	-47.5%	112,807	-8.0%
NEPOOL SE MASS 5MW D AH O	P5	0	2,721	-100.0%	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	151	-100.0%	0	-
NEPOOL W CNT MASS 5MW D A	L9	39,924	40,896	-2.4%	41,556	-3.9%
NEPOOL W CNTR M 5MW D AH	R6	3,693	1,783	107.1%	3,903	-5.4%
NEW ENGLAND HUB PEAK DAIL	CE	2,422	0	-	1,969	23.0%
NEW YORK ETHANOL SWAP	EZ	1,375	3,060	-55.1%	2,165	-36.5%
NEW YORK HUB ZONE G PEAK	GN	2,563	0	-	2,464	4.0%
NEW YORK HUB ZONE J PEAK	JN	1,771	0	-	1,243	42.5%
NGPL MID-CONTINENT	NL	40,498	39,376	2.8%	40,984	-1.2%
NGPL MIDCONTINENT INDEX	IW	4,861	0	-	4,520	7.5%
NGPL MIDCONTINENT SWING S	PX	620	0	-	0	-
NGPL TEX/OK	PD	53,700	77,225	-30.5%	55,384	-3.0%
NGPL TEXOK INDEX	OI	60	0	-	60	0.0%
NGPL TEXOK SWING SWAP	OX	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	208	0	-	188	10.6%
N ILLINOIS HUB MTHLY	UM	380	1,292	-70.6%	400	-5.0%
NO 2 UP-DOWN SPREAD CALEN	UT	22	400	-94.5%	132	-83.3%
NORTHEN NATURAL GAS DEMAR	PE	2,262	1,216	86.0%	2,446	-7.5%
NORTHEN NATURAL GAS VENTU	PF	4,760	5,725	-16.9%	4,868	-2.2%
NORTHERN ILLINOIS OFF-PEA	UO	560	1,808	-69.0%	650	-13.8%
NORTHWEST ROCKIES BASIS S	NR	89,927	17,062	427.1%	89,293	0.7%
N ROCKIES PIPE SWAP	XR	668	0	-	698	-4.3%
NY1% VS GC SPREAD SWAP	VR	6,850	3,736	83.4%	6,838	0.2%
NY 2.2% FUEL OIL (PLATTS	Y3	220	75	193.3%	0	-



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<b>Energy Futures</b>						
NY 3.0% FUEL OIL (PLATTS	H1	700	700	0.0%	650	7.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	50	-100.0%	0	-
NY HARBOR HEAT OIL SWP	MP	15,096	18,868	-20.0%	14,075	7.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	2,506	3,112	-19.5%	1,981	26.5%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	-	0	-
NY HARBOR RESIDUAL FUEL 1	MM	5,962	4,256	40.1%	6,192	-3.7%
NY HARBOR RESIDUAL FUEL C	ML	0	100	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	HK	15,457	15,398	0.4%	16,435	-6.0%
NY H OIL PLATTS VS NYMEX	YH	0	100	-100.0%	0	-
NYISO A	KA	3,000	8,354	-64.1%	3,441	-12.8%
NYISO A OFF-PEAK	KB	920	2,882	-68.1%	1,050	-12.4%
NYISO CAPACITY	LHV	72	0	-	0	-
NYISO CAPACITY	NNC	2,146	1,318	62.8%	2,086	2.9%
NYISO CAPACITY	NRS	2,743	2,011	36.4%	2,302	19.2%
NYISO G	KG	298	2,707	-89.0%	340	-12.4%
NYISO G OFF-PEAK	KH	170	910	-81.3%	190	-10.5%
NYISO J	KJ	4,278	7,337	-41.7%	4,614	-7.3%
NYISO J OFF-PEAK	KK	774	1,474	-47.5%	816	-5.1%
NYISO ZONE A 5MW D AH O P	K4	277,471	470,113	-41.0%	305,031	-9.0%
NYISO ZONE A 5MW D AH PK	K3	10,950	23,036	-52.5%	11,610	-5.7%
NYISO ZONE C 5MW D AH O P	A3	68,055	28,962	135.0%	15,805	330.6%
NYISO ZONE C 5MW D AH PK	Q5	2,257	1,577	43.1%	850	165.5%
NYISO ZONE G 5MW D AH O P	D2	326,564	255,864	27.6%	338,285	-3.5%
NYISO ZONE G 5MW D AH PK	T3	23,198	16,959	36.8%	21,588	7.5%
NYISO ZONE J 5MW D AH O P	D4	134,317	84,966	58.1%	136,437	-1.6%
NYISO ZONE J 5MW D AH PK	D3	11,645	6,847	70.1%	12,965	-10.2%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	270	-100.0%	0	-
NYMEX ALUMINUM FUTURES	AN	1,223	0	-	1,155	5.9%
NYMEX ULSD VS NYMEX HO	UY	315	1,226	-74.3%	345	-8.7%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,286	9,012	-85.7%	1,513	-15.0%
ONEOK OKLAHOMA NG BASIS	8X	3,290	2,915	12.9%	3,560	-7.6%
ONTARIO POWER SWAPS	OFD	2,208	1,344	64.3%	2,760	-20.0%
ONTARIO POWER SWAPS	OFM	101,815	193,889	-47.5%	110,279	-7.7%
ONTARIO POWER SWAPS	OPD	180	294	-38.8%	190	-5.3%
ONTARIO POWER SWAPS	OPM	3,810	11,519	-66.9%	4,250	-10.4%
PANHANDLE BASIS SWAP FUTU	PH	46,464	35,501	30.9%	47,372	-1.9%
PANHANDLE INDEX SWAP FUTU	IV	1,922	0	-	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	15,990	5,366	198.0%	16,394	-2.5%
PETROCHEMICALS	22	39	40	-2.5%	107	-63.6%
PETROCHEMICALS	32	54	48	12.5%	112	-51.8%
PETROCHEMICALS	51	0	0	-	0	-
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	1,664	3,416	-51.3%	1,809	-8.0%
PETROCHEMICALS	91	467	47	893.6%	505	-7.5%
PETROCHEMICALS	HPE	28	171	-83.6%	28	0.0%
PETROCHEMICALS	LPE	0	76	-100.0%	0	-
PETROCHEMICALS	MAC	10	0	-	40	-75.0%
PETROCHEMICALS	MAE	135	40	237.5%	130	3.8%
PETROCHEMICALS	MAS	290	30	866.7%	590	-50.8%
PETROCHEMICALS	MBE	3,550	3,208	10.7%	3,285	8.1%
PETROCHEMICALS	MNB	2,961	2,779	6.5%	2,236	32.4%

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Commodity		Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
<b>Energy Futures</b>						
PETRO CRCKS & SPRDS ASIA	STI	75	0	-	150	-50.0%
PETRO CRCKS & SPRDS ASIA	STR	64	325	-80.3%	64	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CBA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	318	1,559	-79.6%	232	37.1%
PETRO CRCKS & SPRDS NA	EXR	1,877	1,529	22.8%	1,777	5.6%
PETRO CRCKS & SPRDS NA	FOC	3,075	1,465	109.9%	2,825	8.8%
PETRO CRCKS & SPRDS NA	GBB	705	0	-	225	213.3%
PETRO CRCKS & SPRDS NA	GCC	300	0	-	475	-36.8%
PETRO CRCKS & SPRDS NA	GCI	2,937	4,600	-36.2%	3,195	-8.1%
PETRO CRCKS & SPRDS NA	GCM	17	0	-	17	0.0%
PETRO CRCKS & SPRDS NA	GCU	26,386	31,084	-15.1%	28,455	-7.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	15,728	15,671	0.4%	17,248	-8.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-
PETRO CRCKS & SPRDS NA	MFR	30	0	-	0	-
PETRO CRCKS & SPRDS NA	NFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	100	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	300	1,000	-70.0%	375	-20.0%
PETRO CRCKS & SPRDS NA	NYH	300	0	-	300	0.0%
PETRO CRCKS & SPRDS NA	RBB	18,707	25,190	-25.7%	19,054	-1.8%
PETRO CRCKS & SPRDS NA	RVG	15,417	800	1,827.1%	14,414	7.0%
PETRO CRCKS & SPRDS NA	SF3	15	0	-	15	0.0%
PETRO CRK&SPRD EURO	1NB	3,831	8,121	-52.8%	4,025	-4.8%
PETRO CRK&SPRD EURO	1ND	0	50	-100.0%	0	-
PETRO CRK&SPRD EURO	43	69	627	-89.0%	153	-54.9%
PETRO CRK&SPRD EURO	BFR	45	20	125.0%	60	-25.0%
PETRO CRK&SPRD EURO	BOB	5,616	3,346	67.8%	5,774	-2.7%
PETRO CRK&SPRD EURO	EBF	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	97	129	-24.8%	106	-8.5%
PETRO CRK&SPRD EURO	EPN	604	217	178.3%	483	25.1%
PETRO CRK&SPRD EURO	EVC	4,693	4,432	5.9%	4,301	9.1%
PETRO CRK&SPRD EURO	FBT	100	30	233.3%	120	-16.7%
PETRO CRK&SPRD EURO	FVB	0	36	-100.0%	0	-
PETRO CRK&SPRD EURO	GCB	0	75	-100.0%	200	-100.0%
PETRO CRK&SPRD EURO	GOC	123	312	-60.6%	126	-2.4%
PETRO CRK&SPRD EURO	GRB	0	0	-	0	-
PETRO CRK&SPRD EURO	GRS	0	0	-	0	-
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	77	229	-66.4%	88	-12.5%
PETRO CRK&SPRD EURO	MUD	200	329	-39.2%	232	-13.8%
PETRO CRK&SPRD EURO	NBB	0	19	-100.0%	20	-100.0%
PETRO CRK&SPRD EURO	NOB	844	434	94.5%	694	21.6%
PETRO CRK&SPRD EURO	NYG	0	0	-	0	-
PETRO CRK&SPRD EURO	SFB	40	0	-	40	0.0%
PETRO CRK&SPRD EURO	SFC	0	0	-	0	-
PETROLEUM PRODUCTS	D43	0	0	-	0	-
PETROLEUM PRODUCTS	D44	0	0	-	0	-
PETROLEUM PRODUCTS	D45	0	28	-100.0%	0	-
PETROLEUM PRODUCTS	D46	30	0	-	0	-
PETROLEUM PRODUCTS	D63	0	0	-	0	-
PETROLEUM PRODUCTS	D64	0	15	-100.0%	0	-
PETROLEUM PRODUCTS	D65	0	65	-100.0%	0	-



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	Commodity	Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
<b>Energy Futures</b>						
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	500	0	-	475	5.3%
PETROLEUM PRODUCTS	MBS	10	0	-	50	-80.0%
PETROLEUM PRODUCTS	MHE	30	0	-	0	-
PETROLEUM PRODUCTS	MPE	85	0	-	365	-76.7%
PETROLEUM PRODUCTS	RMG	0	0	-	0	-
PETROLEUM PRODUCTS	RMK	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	71	-100.0%	65	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	1,519	2,090	-27.3%	1,817	-16.4%
PETRO OUTRIGHT EURO	0A	0	0	-	0	-
PETRO OUTRIGHT EURO	0B	305	217	40.6%	477	-36.1%
PETRO OUTRIGHT EURO	0C	30	0	-	0	-
PETRO OUTRIGHT EURO	0D	8,020	6,855	17.0%	7,819	2.6%
PETRO OUTRIGHT EURO	0E	513	320	60.3%	743	-31.0%
PETRO OUTRIGHT EURO	0F	2,241	1,525	47.0%	1,150	94.9%
PETRO OUTRIGHT EURO	1T	5	74	-93.2%	15	-66.7%
PETRO OUTRIGHT EURO	33	173	457	-62.1%	176	-1.7%
PETRO OUTRIGHT EURO	59	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	170	185	-8.1%	260	-34.6%
PETRO OUTRIGHT EURO	63	40	55	-27.3%	160	-75.0%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	42	308	-86.4%	25	68.0%
PETRO OUTRIGHT EURO	7P	0	0	-	0	-
PETRO OUTRIGHT EURO	7R	190	379	-49.9%	255	-25.5%
PETRO OUTRIGHT EURO	88	0	0	-	35	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	47	272	-82.7%	10	370.0%
PETRO OUTRIGHT EURO	EFF	50	0	-	30	66.7%
PETRO OUTRIGHT EURO	EFM	50	99	-49.5%	60	-16.7%
PETRO OUTRIGHT EURO	ENS	288	145	98.6%	384	-25.0%
PETRO OUTRIGHT EURO	EWN	416	390	6.7%	281	48.0%
PETRO OUTRIGHT EURO	FBD	0	79	-100.0%	0	-
PETRO OUTRIGHT EURO	MBB	50	0	-	0	-
PETRO OUTRIGHT EURO	MBN	4,207	2,777	51.5%	3,667	14.7%
PETRO OUTRIGHT EURO	RBF	0	0	-	0	-
PETRO OUTRIGHT EURO	SMU	40	100	-60.0%	40	0.0%
PETRO OUTRIGHT EURO	T0	328	594	-44.8%	203	61.6%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	175	503	-65.2%	200	-12.5%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	166	-100.0%	0	-
PETRO OUTRIGHT EURO	Y0	0	0	-	0	-
PETRO OUTRIGHT NA	5Y	0	0	-	0	-
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	465	546	-14.8%	256	81.6%
PETRO OUTRIGHT NA	FOB	0	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	GBA	0	0	-	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-
PETRO OUTRIGHT NA	JE	270	0	-	310	-12.9%
PETRO OUTRIGHT NA	JET	2,955	1,345	119.7%	2,625	12.6%
PETRO OUTRIGHT NA	MBL	151	510	-70.4%	129	17.1%

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	Commodity	Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
<b>Energy Futures</b>						
PETRO OUTRIGHT NA	MEN	235	1,434	-83.6%	339	-30.7%
PETRO OUTRIGHT NA	MEO	11,254	7,984	41.0%	8,314	35.4%
PETRO OUTRIGHT NA	MFD	180	70	157.1%	74	143.2%
PETRO OUTRIGHT NA	MMF	402	112	258.9%	380	5.8%
PETRO OUTRIGHT NA	NYB	0	0	-	0	-
PETRO OUTRIGHT NA	NYT	100	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PGE&E CITYGATE	PC	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	1,080,874	1,168,957	-7.5%	1,125,842	-4.0%
PJM AD HUB 5MW REAL TIME	Z9	58,500	44,029	32.9%	61,889	-5.5%
PJM AECO DA OFF-PEAK	X1	42,120	107,528	-60.8%	47,832	-11.9%
PJM AECO DA PEAK	Y1	2,295	6,025	-61.9%	2,589	-11.4%
PJM APS ZONE DA OFF-PEAK	W4	8,259	22,275	-62.9%	9,483	-12.9%
PJM APS ZONE DA PEAK	S4	447	1,218	-63.3%	510	-12.4%
PJM ATSI ELEC	MOD	23,400	0	-	23,400	0.0%
PJM ATSI ELEC	MPD	1,275	0	-	1,275	0.0%
PJM BGE DA OFF-PEAK	R3	37,440	18,712	100.1%	37,848	-1.1%
PJM BGE DA PEAK	E3	2,040	1,173	73.9%	2,061	-1.0%
PJM COMED 5MW D AH O PK	D9	242,260	43,536	456.5%	248,380	-2.5%
PJM COMED 5MW D AH PK	D8	14,900	2,416	516.7%	15,215	-2.1%
PJM DAILY	JD	858	0	-	696	23.3%
PJM DAYTON DA OFF-PEAK	R7	161,705	153,798	5.1%	180,785	-10.6%
PJM DAYTON DA PEAK	D7	21,285	8,168	160.6%	14,875	43.1%
PJM DPL DA OFF-PEAK	E8	0	0	-	0	-
PJM DPL DA PEAK	L8	0	0	-	0	-
PJM DUQUESNE 5MW D AH PK	D5	0	0	-	0	-
PJM DUQUS 5MW D AH O PK	D6	0	0	-	0	-
PJM EASTERNH DA PEAK	E9	0	0	-	0	-
PJM JCPL DA OFF-PEAK	F2	46,800	105,200	-55.5%	50,880	-8.0%
PJM JCPL DA PEAK	J2	2,550	5,770	-55.8%	2,760	-7.6%
PJM NI HUB 5MW REAL TIME	B3	41,568	18,395	126.0%	41,838	-0.6%
PJM NI HUB 5MW REAL TIME	B6	1,094,757	427,965	155.8%	1,209,550	-9.5%
PJM NILL DA OFF-PEAK	L3	665,961	115,274	477.7%	524,577	27.0%
PJM NILL DA PEAK	N3	36,139	6,563	450.6%	28,077	28.7%
PJM OFF-PEAK LMP SWAP FUT	JP	2,804	5,770	-51.4%	3,048	-8.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	952	-100.0%	0	-
PJM PEPCO DA OFF-PEAK	Q8	0	7,440	-100.0%	0	-
PJM PEPCO DA PEAK	R8	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	35,789	24,489	46.1%	41,093	-12.9%
PJM PPL DA PEAK	L5	1,937	1,963	-1.3%	2,210	-12.4%
PJM PSEG DA OFF-PEAK	W6	140,400	0	-	140,400	0.0%
PJM PSEG DA PEAK	L6	5,100	0	-	5,100	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	151	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	1,183,356	1,244,402	-4.9%	1,224,892	-3.4%
PJM WESTHDA PEAK	J4	64,620	69,472	-7.0%	67,012	-3.6%
PJM WESTH RT OFF-PEAK	N9	3,484,564	2,686,016	29.7%	3,617,671	-3.7%
PJM WESTH RT PEAK	L1	200,716	121,548	65.1%	209,158	-4.0%
PLASTICS	PGP	1,781	3,469	-48.7%	1,676	6.3%
PLASTICS	PPP	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	3G	320	798	-59.9%	490	-34.7%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	-	0	-
PREMIUM UNLEAD 10PPM FOB	8G	97	143	-32.2%	3	3,133.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-

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<b>Energy Futures</b>						
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	29	34	-14.7%	43	-32.6%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	736	436	68.8%	530	38.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	30,079	18,096	66.2%	32,982	-8.8%
RBOB CALENDAR SWAP	RL	14,292	17,580	-18.7%	13,388	6.8%
RBOB CRACK SPREAD	RM	3,466	3,547	-2.3%	3,978	-12.9%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	25	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	294	2,917	-89.9%	1,126	-73.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	70	96	-27.1%	75	-6.7%
RBOB UP-DOWN CALENDAR SWA	RV	0	18,460	-100.0%	0	-
RBOB VS HEATING OIL SWAP	RH	2,956	1,525	93.8%	2,641	11.9%
ROCKIES KERN OPAL - NW IN	IR	736	0	-	736	0.0%
SAN JUAN BASIS SWAP	NJ	36,327	5,454	566.1%	34,854	4.2%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	38	56	-32.1%	20	90.0%
SINGAPORE 380CST BALMO	BT	155	75	106.7%	164	-5.5%
SINGAPORE 380CST FUEL OIL	SE	7,959	8,821	-9.8%	7,514	5.9%
SINGAPORE FUEL 180CST CAL	UA	1,921	2,554	-24.8%	2,154	-10.8%
SINGAPORE FUEL OIL SPREAD	SD	1,829	1,113	64.3%	1,443	26.7%
SINGAPORE GASOIL	MTB	95	88	8.0%	163	-41.7%
SINGAPORE GASOIL	MTS	6,092	4,365	39.6%	5,823	4.6%
SINGAPORE GASOIL	STF	0	0	-	0	-
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	180	350	-48.6%	0	-
SINGAPORE GASOIL BALMO	VU	295	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	0	0	-	110	-100.0%
SINGAPORE GASOIL SWAP	SG	10,279	5,473	87.8%	9,656	6.5%
SINGAPORE GASOIL VS ICE	GA	6,685	5,235	27.7%	6,870	-2.7%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	2,900	1,895	53.0%	3,005	-3.5%
SINGAPORE JET KEROSENE SW	KS	1,736	4,548	-61.8%	1,836	-5.4%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	428	393	8.9%	1,528	-72.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	10,911	10,950	-0.4%	11,887	-8.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	50	-100.0%	0	-
SING FUEL	MSD	0	5	-100.0%	0	-
SOCAL BASIS SWAP	NS	0	1,504	-100.0%	0	-
SOCAL PIPE SWAP	XN	3,360	736	356.5%	3,360	0.0%
SONAT BASIS SWAP FUTURE	SZ	3,189	5,602	-43.1%	3,759	-15.2%
SOUTHERN NAT LA NAT GAS	M8	0	3,060	-100.0%	0	-
SOUTH STAR TEX OKLHM KNS	8Z	756	2,640	-71.4%	876	-13.7%
Sumas Basis Swap	NK	11,342	10,945	3.6%	11,216	1.1%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	1,313	0	-	1,403	-6.4%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-
TC5 RAS TANURA TO YOKOHAM	TH	5	5	0.0%	10	-50.0%
TCO BASIS SWAP	TC	34,001	66,983	-49.2%	38,831	-12.4%
TCO NG INDEX SWAP	Q1	1,712	1,712	0.0%	1,960	-12.7%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-
TENN 800 LEG NAT GAS INDE	L4	248	0	-	527	-52.9%
TENNESSEE 500 LEG BASIS S	NM	1,526	3,302	-53.8%	1,766	-13.6%
TENNESSEE 500 LEG NG INDE	Y7	0	0	-	0	-
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-

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<b>Energy Futures</b>						
TENNESSEE 800 LEG NG BASI	6Z	1,044	1,722	-39.4%	1,162	-10.2%
TENNESSEE ZONE 0 BASIS SW	NQ	1,700	0	-	1,396	21.8%
Tetco ELA Basis	TE	0	246	-100.0%	0	-
TETCO M-3 INDEX	IX	10,612	4,464	137.7%	11,480	-7.6%
Tetco STX Basis	TX	2,778	3,181	-12.7%	3,078	-9.7%
TEXAS EASTERN ZONE M-3 BA	NX	26,310	15,738	67.2%	25,474	3.3%
TEXAS GAS ZONE1 NG BASIS	9F	14,868	17,864	-16.8%	15,018	-1.0%
TRANSCO ZONE 1 NG BASIS	8E	0	246	-100.0%	0	-
Transco Zone 3 Basis	CZ	8,038	9,922	-19.0%	8,338	-3.6%
TRANSCO ZONE4 BASIS SWAP	TR	33,297	45,826	-27.3%	35,793	-7.0%
TRANSCO ZONE 4 NAT GAS IN	B2	217	496	-56.3%	496	-56.3%
TRANSCO ZONE 6 BASIS SWAP	NZ	4,741	5,011	-5.4%	5,092	-6.9%
TRANSCO ZONE 6 INDEX	IT	2,990	0	-	3,548	-15.7%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-
UCM FUT	UCM	111	130	-14.6%	85	30.6%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	3	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	38	1	3,700.0%	38	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	87	295	-70.5%	102	-14.7%
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	4,875	4,615	5.6%	3,788	28.7%
UP DOWN GC ULSD VS NMX HO	LT	68,752	58,671	17.2%	65,706	4.6%
USGC UNL 87 CRACK SPREAD	RU	0	1,000	-100.0%	0	-
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-
WAHA BASIS	NW	19,189	9,649	98.9%	14,738	30.2%
WAHA INDEX SWAP FUTURE	IY	5,104	0	-	5,198	-1.8%
WESTERN RAIL DELIVERY PRB	QP	3,445	4,960	-30.5%	3,060	12.6%
WTI-BRENT BULLET SWAP	BY	0	25	-100.0%	0	-
WTI-BRENT CALENDAR SWAP	BK	71,841	130,533	-45.0%	75,832	-5.3%
WTI CALENDAR	CS	130,267	150,735	-13.6%	132,829	-1.9%
WTS (ARGUS) VS WTI SWAP	FF	25,623	41,507	-38.3%	28,311	-9.5%
WTS (ARGUS) VS WTI TRD MT	FH	2,795	8,350	-66.5%	3,430	-18.5%
<b>Energy Options</b>						
1 MO GASOIL CAL SWAP SPR	GXA	100	0	-	100	0.0%
APPALACHIAN COAL	6K	0	0	-	0	-
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	44,351	227,244	-80.5%	51,508	-13.9%
BRENT OIL LAST DAY	BE	16,506	17,686	-6.7%	16,727	-1.3%
BRENT OIL LAST DAY	BZO	31,064	0	-	17,253	80.0%
BRENT OIL LAST DAY	OS	38,822	45,809	-15.3%	37,834	2.6%
COAL API2 INDEX	CLA	24,547	16,610	47.8%	22,150	10.8%
COAL API2 INDEX	CQA	33,925	12,930	162.4%	58,795	-42.3%
COAL API2 INDEX	MTC	150	75	100.0%	150	0.0%
COAL API4 INDEX	RLA	100	1,190	-91.6%	100	0.0%
COAL API4 INDEX	RQA	120	75	60.0%	705	-83.0%
COAL SWAP	CPF	425	485	-12.4%	465	-8.6%
COAL SWAP	RPF	947	2,340	-59.5%	1,774	-46.6%
CRUDE OIL 1MO	WA	634,050	429,985	47.5%	506,903	25.1%
CRUDE OIL APO	AO	290,153	496,187	-41.5%	296,805	-2.2%
CRUDE OIL CALNDR STRIP	6F	0	110	-100.0%	0	-
CRUDE OIL OUTRIGHTS	AH	1,250	600	108.3%	1,350	-7.4%
CRUDE OIL OUTRIGHTS	DBP	1,470	5,760	-74.5%	1,680	-12.5%

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<b>Energy Options</b>					
CRUDE OIL PHY	CD	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	70,779	-27.0%	91,873	-23.0%
CRUDE OIL PHY	LO	2,742,776	-10.6%	2,699,337	1.6%
CRUDE OIL PHY	LO1	2,060	837	2,364	-12.9%
CRUDE OIL PHY	LO2	368	24	86	327.9%
CRUDE OIL PHY	LO3	0	0	20	-100.0%
CRUDE OIL PHY	LO4	15	0	0	0.0%
CRUDE OIL PHY	LO5	2	0	0	-
DAILY CRUDE OIL	DNM	0	0	0	-
ELEC FINSETTLED	PML	65	240	103	-36.9%
ELEC MISO PEAK	9T	1,800	0	420	328.6%
ELEC MISO PEAK	OEM	0	0	0	-
ELECTRICITY OFF PEAK	N9P	0	0	0	-
ETHANOL	CE1	0	0	0	-
ETHANOL	CE3	25	0	25	0.0%
ETHANOL SWAP	CVR	13,266	14,791	13,050	1.7%
ETHANOL SWAP	GVR	2,907	10,174	2,574	12.9%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0	-
EURO-DENOMINATED PETRO PROD	NWE	0	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	60	0	60	0.0%
GASOIL CRACK SPREAD AVG PRICE OPTIONS	3U	0	0	0	-
GASOLINE	GCE	456	125	456	0.0%
HEATING OIL PHY	LB	234	1,476	205	14.1%
HEATING OIL PHY	OH	68,691	54,492	70,732	-2.9%
HENRY HUB FINANCIAL LAST	E7	11,093	13,296	5,774	92.1%
HO 1 MONTH CLNDR OPTIONS	FA	600	200	600	0.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	2,520	0	-
ISO NEW ENGLAND PK LMP	OE	0	0	0	-
LLS CRUDE OIL	WJO	9,540	0	9,880	-3.4%
MCCLOSKEY ARA ARGS COAL	MTO	840	7,095	1,715	-51.0%
MCCLOSKEY RCH BAY COAL	MFO	1,260	1,830	2,460	-48.8%
NATURAL GAS	G10	0	0	0	-
NATURAL GAS 12 M CSO FIN	G7	0	500	0	-
NATURAL GAS 1 M CSO FIN	G4	5,750	5,525	5,800	-0.9%
NATURAL GAS 2 M CSO FIN	G2	0	1,750	0	-
NATURAL GAS 3 M CSO FIN	G3	49,990	11,735	48,535	3.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	0	-
NATURAL GAS 6 M CSO FIN	G6	0	0	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	14,986	12,307	14,586	2.7%
NATURAL GAS PHY	KD	0	0	0	0.0%
NATURAL GAS PHY	LN	2,828,050	3,382,042	2,681,700	5.5%
NATURAL GAS PHY	ON	154,759	133,204	102,052	51.6%
NATURAL GAS PHY	ON1	0	0	0	-
NATURAL GAS PHY	ON2	0	0	0	-
NATURAL GAS PHY	ON3	0	0	0	-
NATURAL GAS PHY	ON4	0	0	0	-
NATURAL GAS PHY	ON5	0	0	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0	-
NG HH 3 MONTH CAL	IC	0	0	0	-
N ROCKIES PIPE SWAP	ZR	6,030	5,535	5,310	13.6%
NY HARBOR HEAT OIL SWP	AT	43,711	104,737	44,235	-1.2%
NYISO ZONE G 5MW PEAK OPTIONS	9U	420	105	420	0.0%
NYMEX EUROPEAN GASOIL APO	F7	2	1,538	204	-99.0%

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<b>Energy Options</b>						
NYMEX EUROPEAN GASOIL OPT	F8	0	220	-100.0%	0	-
PETROCHEMICALS	4H	7,619	15,254	-50.1%	7,123	7.0%
PETROCHEMICALS	4I	0	0	-	0	-
PETROCHEMICALS	4J	3,260	3,640	-10.4%	3,100	5.2%
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	495	0	-	495	0.0%
PETRO OUTRIGHT EURO	8H	25	225	-88.9%	50	-50.0%
PGE CITYGATE PIPE SWAP	CW	0	3,600	-100.0%	0	-
PJM CALENDAR STRIP	6O	0	640	-100.0%	0	-
PJM ELECTRIC	6OO	0	6	-100.0%	0	-
PJM MONTHLY	JO	0	70	-100.0%	0	-
PJM WES HUB PEAK CAL MTH	6OA	200	0	-	200	0.0%
PJM WES HUB PEAK CAL MTH	JOA	10,300	0	-	10,300	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	1,695	0	-	1,569	8.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	3,254	12,396	-73.7%	3,032	7.3%
RBOB PHY	OB	34,037	31,630	7.6%	33,331	2.1%
RBOB PHY	RF	0	0	-	0	-
ROTTERDAM 3.5%FUEL OIL CL	Q6	390	1,085	-64.1%	270	44.4%
SAN JUAN PIPE SWAP	PJ	5,700	2,548	123.7%	2,980	91.3%
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 CRUDE OIL	C02	0	0	-	0	-
SHORT TERM CRUDE OIL	C05	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	400	200	100.0%	500	-20.0%
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	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	-



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<b>Energy Options</b>						
SINGAPORE FUEL OIL 180 CS	C5	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	300	0	-	300	0.0%
SINGAPORE JET FUEL CALEND	N2	1,000	150	566.7%	1,100	-9.1%
SOCAL PIPE SWAP	ZN	6,000	9,224	-35.0%	6,000	0.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	500	-100.0%	0	-
WTI 6 MONTH CALENDAR OPTI	WM	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	12,800	56,965	-77.5%	14,050	-8.9%
WTI CRUDE OIL 12 M CSO F	7Z	0	0	-	0	-
WTI CRUDE OIL 1 M CSO FI	7A	463,520	309,098	50.0%	362,775	27.8%
<b>Metals Futures</b>						
COMEX GOLD	GC	624,465	443,851	40.7%	502,184	24.3%
NYMEX HOT ROLLED STEEL	HR	21,910	18,777	16.7%	19,853	10.4%
NYMEX PLATINUM	PL	61,191	77,740	-21.3%	62,643	-2.3%
PALLADIUM	PA	21,690	37,137	-41.6%	22,378	-3.1%
URANIUM	UX	6,472	4,767	35.8%	6,872	-5.8%
COMEX SILVER	SI	212,393	198,023	7.3%	198,844	6.8%
COMEX E-Mini GOLD	QO	1,596	1,534	4.0%	1,295	23.2%
E-MINI SILVER	6Q	0	0	-	0	-
COMEX E-Mini SILVER	QI	92	143	-35.7%	152	-39.5%
COMEX COPPER	HG	166,778	168,707	-1.1%	217,856	-23.4%
COMEX MINY COPPER	QC	56	77	-27.3%	60	-6.7%
Aluminium MW Trans Prem Platts	AUP	31,805	14,229	123.5%	27,890	14.0%
ALUMINUM	AEP	5,932	0	-	6,198	-4.3%
ALUMINUM	ALI	293	208	40.9%	287	2.1%
ALUMINUM	EDP	1,116	0	-	924	20.8%
ALUMINUM	MJP	2,639	0	-	1,734	52.2%
COPPER	HGS	4,761	3,823	24.5%	4,788	-0.6%
E-MICRO GOLD	MGC	2,677	1,826	46.6%	2,467	8.5%
FERROUS PRODUCTS	BUS	405	450	-10.0%	315	28.6%
FERROUS PRODUCTS	SSF	0	0	-	0	-
Gold Kilo	GCK	119	26	357.7%	140	-15.0%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	1,230	1,654	-25.6%	1,230	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	22,884	18,823	21.6%	24,432	-6.3%
LNDN ZINC	ZNC	16	1	1,500.0%	24	-33.3%
METALS	LED	5	0	-	0	-
SILVER	SIL	533	946	-43.7%	835	-36.2%
<b>Metals Options</b>						
COMEX COPPER	HX	2,786	1,556	79.0%	3,367	-17.3%
COMEX GOLD	OG	1,090,087	1,237,148	-11.9%	1,015,770	7.3%
COMEX SILVER	SO	115,283	149,190	-22.7%	133,697	-13.8%
COPPER	H4E	0	0	-	0	-
GOLD	OG1	1,243	134	827.6%	652	90.6%
GOLD	OG2	310	1,087	-71.5%	365	-15.1%
GOLD	OG3	5	14	-64.3%	197	-97.5%
GOLD	OG4	0	0	-	0	0.0%
GOLD	OG5	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	15,506	7,087	118.8%	16,526	-6.2%

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUN 2016	Open Interest JUN 2015	% CHG	Open Interest MAY 2016	% CHG
<b>Metals Options</b>						
IRON ORE 62 CHINA TSI PUT OPTION	ICT	16,311	24,050	-32.2%	16,394	-0.5%
NYMEX PLATINUM	PO	3,437	3,713	-7.4%	7,923	-56.6%
PALLADIUM	PAO	4,657	5,690	-18.2%	4,120	13.0%
SHORT TERM	L11	0	0	-	0	-
SHORT TERM GOLD	L02	0	0	-	0	-
SHORT TERM GOLD	L18	0	0	-	0	-
SILVER	SO1	0	0	-	0	-
SILVER	SO2	0	0	-	0	-
SILVER	SO3	0	0	-	0	-
SILVER	SO4	0	0	-	0	-
SILVER	SO5	0	0	-	0	-
<b>TOTAL FUTURES GROUP</b>						
Commodities and Alternative Investments Futures		48	148	-67.6%	59	-18.6%
Energy Futures		20,407,824	18,015,614	13.3%	20,739,581	-1.6%
Metals Futures		1,191,058	992,742	20.0%	1,103,401	7.9%
<b>TOTAL FUTURES</b>		<b>21,598,930</b>	<b>19,008,504</b>	<b>13.6%</b>	<b>21,843,041</b>	<b>-1.1%</b>
<b>TOTAL OPTIONS GROUP</b>						
Energy Options		7,699,510	8,635,210	-10.8%	7,266,050	6.0%
Metals Options		1,249,625	1,429,669	-12.6%	1,199,011	4.2%
<b>TOTAL OPTIONS</b>		<b>8,949,135</b>	<b>10,064,879</b>	<b>-11.1%</b>	<b>8,465,061</b>	<b>5.7%</b>
<b>TOTAL COMBINED</b>						
Commodities and Alternative Investments		48	148	-67.6%	59	-18.6%
Energy		28,107,334	26,650,824	5.5%	28,005,631	0.4%
Metals		2,440,683	2,422,411	0.8%	2,302,412	6.0%
<b>GRAND TOTAL</b>		<b>30,548,065</b>	<b>29,073,383</b>	<b>5.1%</b>	<b>30,308,102</b>	<b>0.8%</b>