



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
Commodities and Alternative Investments Futures					
COCOA TAS	1	4	-75.0%	2	-50.0%
COFFEE	2	4	-50.0%	9	-77.8%
COTTON	4	5	-20.0%	6	-33.3%
SUGAR 11	2	17	-88.2%	5	-60.0%
Energy Futures					
URANIUM	7,310	5,559	31.5%	7,910	-7.6%
CRUDE OIL PHY	1,634,684	1,555,664	5.1%	1,761,639	-7.2%
CRUDE OIL	30,266	71,005	-57.4%	41,750	-27.5%
MINY WTI CRUDE OIL	5,998	5,592	7.3%	4,663	28.6%
BRENT OIL LAST DAY	52,421	28,705	82.6%	66,351	-21.0%
HEATING OIL PHY	286,127	301,382	-5.1%	278,889	2.6%
HTG OIL	91	1,211	-92.5%	97	-6.2%
MINY HTG OIL	2	3	-33.3%	1	100.0%
RBOB PHY	224,291	272,459	-17.7%	218,769	2.5%
MINY RBOB GAS	0	0	-	0	-
NATURAL GAS	36,259	15,714	130.7%	32,036	13.2%
LTD NAT GAS	390,062	122,339	218.8%	394,874	-1.2%
MINY NATURAL GAS	2,280	2,930	-22.2%	2,602	-12.4%
SING FUEL	0	0	-	0	-
NY HARBOR ULSD DIESEL	0	0	-	0	-
PJM MONTHLY	37,685	60,348	-37.6%	37,512	0.5%
NATURAL GAS PHY	1,261,809	1,168,578	8.0%	1,284,770	-1.8%
RBOB GAS	525	2,984	-82.4%	488	7.6%
	CLS	0	0.0%	0	0.0%
3.5% FUEL OIL CID MED SWA	7	0	-	4	75.0%
3.5% FUEL OIL CIF BALMO S	2	0	-	0	-
AEP-DAYTON HUB DAILY	0	0	-	12	-100.0%
AEP-DAYTON HUB MTHLY	8,109	12,058	-32.8%	8,543	-5.1%
AEP-DAYTON HUB OFF-PEAK M	7,224	11,705	-38.3%	7,474	-3.3%
ALBERTA ELECTRICITY	0	0	-	0	-
ALGON CITY GATES NAT GAS	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	2,889	1,998	44.6%	838	244.7%
ALGONQUIN CITY-GATES NAT	0	0	-	0	-
ANR LA NAT GAS INDEX SWAP	0	248	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	1,663	-100.0%	0	-
ANR OKLAHOMA	14,602	17,251	-15.4%	14,962	-2.4%
APPALACHIAN COAL (PHY)	5,745	7,725	-25.6%	5,925	-3.0%
ARGUS BIODIESEL RME FOB R	0	260	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	9,023	9,210	-2.0%	9,599	-6.0%
ARGUS PROPAN FAR EST INDE	409	544	-24.8%	490	-16.5%
ARGUS PROPAN(SAUDI ARAMCO	617	632	-2.4%	602	2.5%
BRENT BALMO SWAP	362	647	-44.0%	287	26.1%
BRENT CALENDAR SWAP	46,500	58,424	-20.4%	49,879	-6.8%
BRENT CFD(PLATTS) VS FRNT	0	20	-100.0%	0	-
BRENT CFD SWAP	0	969	-100.0%	0	-
BRENT FINANCIAL FUTURES	18,858	53,929	-65.0%	25,187	-25.1%
BRENT OIL	0	0	-	0	-
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CARBON CER EURO	0	0	0.0%	0	-



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CARBON EUA EMISSIONS EURO	RC	0	0	0.0%	0	-
CENTERPOINT BASIS SWAP	PW	841	5,144	-83.7%	1,199	-29.9%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CHICAGO BASIS SWAP	NB	124	2,316	-94.6%	244	-49.2%
CHICAGO ETHANOL SWAP	CU	36,193	24,058	50.4%	30,672	18.0%
CHICAGO SWING FUTURE	SS	0	0	-	0	-
CHICAGO ULSD (PLATTS) SWA	4C	0	60	-100.0%	0	-
CHICAGO ULSD PL VS HO SPR	5C	2,059	172	1,097.1%	2,229	-7.6%
CHICAGO UNL GAS PL VS RBO	3C	50	7	614.3%	0	-
CIG BASIS	CI	7,867	10,157	-22.5%	8,407	-6.4%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CIG ROCKIES NG SWING	U8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	2,932	4,661	-37.1%	3,112	-5.8%
CINERGY HUB PEAK DAILY FU	CC	0	0	-	0	-
CINERGY HUB PEAK MONTH	EM	3,842	7,320	-47.5%	4,102	-6.3%
CIN HUB 5MW D AH O PK	K2	233,592	209,856	11.3%	220,680	5.9%
CIN HUB 5MW D AH PK	H5	14,783	5,556	166.1%	13,773	7.3%
CIN HUB 5MW REAL TIME O P	H4	454,880	242,976	87.2%	434,792	4.6%
CIN HUB 5MW REAL TIME PK	H3	39,098	17,873	118.8%	24,347	60.6%
CO2 VINTAGE	76	0	0	-	0	-
COAL SWAP	ACM	60	0	-	75	-20.0%
COAL SWAP	CMC	0	0	-	0	-
COAL SWAP	SSI	1,590	275	478.2%	1,005	58.2%
COLUMB GULF MAINLINE NG B	5Z	8,923	12,825	-30.4%	9,103	-2.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	15,695	17,103	-8.2%	15,695	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	166	528	-68.6%	165	0.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	399	417	-4.3%	393	1.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	2,441	4,789	-49.0%	2,449	-0.3%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	177	308	-42.5%	278	-36.3%
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCC	17,775	19,101	-6.9%	17,378	2.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	MCL	0	0	-	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	CFA	0	0	-	0	-
CRUDE OIL SPRDS	CFB	0	0	-	0	-
CRUDE OIL SPRDS	DPO	0	100	-100.0%	0	-
CRUDE OIL SPRDS	KE	20	1,078	-98.1%	30	-33.3%
CRUDE OIL SPRDS	LE	0	1,115	-100.0%	0	-
DAILY EUA	EUL	0	0	-	0	-
DAILY PJM	AOR	0	0	-	0	-
DAILY PJM	PAP	0	0	-	30	-100.0%
DAILY PJM	PDJ	0	0	-	0	-
DAILY PJM	ZGO	0	400	-100.0%	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	1,200	-100.0%	0	-
DATED TO FRONTLINE BRENT	FY	11,152	9,138	22.0%	12,459	-10.5%
DAWN BASIS SWAP FUTURE	DW	0	0	-	0	-
DEMARC INDEX FUTURE	DI	0	0	-	0	-
DEMARC SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	8	-100.0%	7	-100.0%

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DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DIESEL 10PPM NWE LE HAVRE CIF SWAP	S1	0	0	-	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	19,455	18,346	6.0%	18,317	6.2%
DOW JONES MID-COLUMBIA FU	DO	0	0	-	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	4,685	24,408	-80.8%	5,282	-11.3%
EASTERN RAIL DELIVERY CSX	QX	11,258	9,826	14.6%	11,819	-4.7%
EAST/WEST FUEL OIL SPREAD	EW	3,367	9,738	-65.4%	3,615	-6.9%
EIA FLAT TAX ONHWAY DIESE	A5	4,673	2,674	74.8%	4,369	7.0%
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-
ELEC ERCOT DLY PEAK	I9	123	765	-83.9%	192	-35.9%
ELEC ERCOT DLY PEAK	N1	15,950	11,306	41.1%	16,127	-1.1%
ELEC ERCOT OFF PEAK	I2	0	4,045	-100.0%	0	-
ELEC ERCOT OFF PEAK	O1	396,381	258,552	53.3%	384,789	3.0%
ELEC FINSETTLED	47	2,943	4,974	-40.8%	2,966	-0.8%
ELEC FINSETTLED	49	0	2,186	-100.0%	0	-
ELEC FINSETTLED	R5	0	0	-	0	-
ELEC MISO PEAK	4L	5,528	3,854	43.4%	5,813	-4.9%
ELEC MISO PEAK	55	767	0	-	767	0.0%
ELEC NYISO OFF-PEAK	4M	90,874	56,856	59.8%	82,945	9.6%
ELEC NYISO OFF-PEAK	58	14,008	0	-	14,008	0.0%
ELECTRICITY OFF PEAK	46	54,360	91,680	-40.7%	54,736	-0.7%
ELECTRICITY OFF PEAK	4P	31,284	130,360	-76.0%	35,044	-10.7%
ELECTRICITY OFF PEAK	50	0	40,730	-100.0%	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
EMC FUTURE	EMC	50	0	-	0	-
EMMISSIONS	CPL	655	1,455	-55.0%	655	0.0%
ERCOT HOU MCPE50MW OFF	2N	0	0	-	0	-
ERCOT HOU MCPE50MW PEAK	2W	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	264	-100.0%	0	-
ERCOT NORTH MCPE50MW OFF	2X	0	0	-	0	-
ERCOT NORTH MCPE50MW PEAK	2P	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	302,283	111,685	170.7%	239,195	26.4%
ERCOT NORTH ZMCPE 5MW PEAK	I5	18,500	12,272	50.7%	17,685	4.6%
ERCOT SOUTH MCPE 50MW PEAK	2Q	0	0	-	0	-
ETHANOL T1FOB RTDM EX DUTY SWP	2M	0	0	-	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,836	1,172	142.0%	2,732	3.8%
EURO 1% FUEL OIL NEW BALM	KX	40	51	-21.6%	5	700.0%
EURO 3.5% FUEL OIL RDAM B	KR	378	694	-45.5%	387	-2.3%
EURO 3.5% FUEL OIL SPREAD	FK	946	613	54.3%	432	119.0%
EURO-DENOMINATED PETRO PROD	IBE	204	144	41.7%	204	0.0%
EURO-DENOMINATED PETRO PROD	MFT	20	0	-	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	144	53	171.7%	210	-31.4%
EURO GASOIL 10PPM VS ICE	ET	1,646	1,000	64.6%	1,900	-13.4%
EUROPE 1% FUEL OIL NWE CA	UF	1,060	2,158	-50.9%	830	27.7%
EUROPE 1% FUEL OIL RDAM C	UH	332	544	-39.0%	212	56.6%
EUROPE 3.5% FUEL OIL MED	UI	27	76	-64.5%	4	575.0%
EUROPE 3.5% FUEL OIL RDAM	UV	10,112	17,985	-43.8%	10,420	-3.0%
EUROPEAN GASOIL (ICE)	7F	511	3,300	-84.5%	511	0.0%
EUROPEAN NAPHTHA BALMO	KZ	115	162	-29.0%	268	-57.1%

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Energy Futures						
EUROPEAN NAPHTHA CRACK SPR	EN	12,613	21,715	-41.9%	11,212	12.5%
EUROPE DATED BRENT SWAP	UB	5,271	7,247	-27.3%	3,758	40.3%
EUROPE JET KERO NWE CALSW	UJ	113	123	-8.1%	78	44.9%
EUROPE JET KERO RDAM CALS	UR	0	2	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	2,300	3,539	-35.0%	2,674	-14.0%
EURO PROPANE CIF ARA SWA	PS	956	1,147	-16.7%	973	-1.7%
FAME 0 BIODIESEL FOB RTDM SWP	2L	0	20	-100.0%	0	-
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	1,548	3,317	-53.3%	1,636	-5.4%
FREIGHT MARKETS	CFU	0	0	-	0	-
FREIGHT MARKETS	FC5	0	0	-	0	-
FREIGHT MARKETS	FC6	0	0	-	0	-
FREIGHT MARKETS	FT3	0	0	-	0	-
FREIGHT MARKETS	FT5	0	0	-	0	-
FREIGHT MARKETS	PFU	0	30	-100.0%	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	32,646	69,815	-53.2%	37,288	-12.4%
FUEL OIL NWE CRACK VS ICE	FI	6,094	6,701	-9.1%	6,862	-11.2%
FUEL OIL (PLATS) CAR CM	1W	99	189	-47.6%	112	-11.6%
FUEL OIL (PLATS) CAR CN	1X	22	84	-73.8%	9	144.4%
FUELOIL SWAP:CARGOES VS.B	FS	4,068	6,518	-37.6%	4,057	0.3%
GAS EURO-BOB OXY NWE BARGES	7H	5,055	4,937	2.4%	4,803	5.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	30,243	28,103	7.6%	29,890	1.2%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	15	-100.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	249	257	-3.1%	284	-12.3%
GASOIL 0.1 CIF NW BALMO S	B7	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	17	-100.0%	5	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	8	-100.0%	3	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	1,775	3,390	-47.6%	2,040	-13.0%
GASOIL 0.1 ROTTERDAM BARG	VL	22	138	-84.1%	33	-33.3%
GASOIL 10P CRG CIF NW VS	3V	15	44	-65.9%	35	-57.1%
GASOIL 10PPM CARGOES CIF	TY	2	14	-85.7%	10	-80.0%
GASOIL 10PPM VS ICE SWAP	TP	834	967	-13.8%	866	-3.7%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	1,109	2,782	-60.1%	1,125	-1.4%
GASOIL CRACK SPREAD CALEN	GZ	29,052	20,318	43.0%	30,566	-5.0%
GASOIL MINI CALENDAR SWAP	QA	599	1,216	-50.7%	747	-19.8%
GASOLINE UP-DOWN (ARGUS)	UZ	6	0	-	9	-33.3%
GASOLINE UP-DOWN BALMO SW	1K	430	103	317.5%	392	9.7%
GC JET (ARGUS) CAL SWAP	AF	0	0	-	0	-
GC ULSD ARGUS CAL SWAP	AJ	0	0	-	0	-
GC ULSD VS GC JET SPREAD	VV	300	0	-	300	0.0%
GROUP THREE ULSD (PLATTS)	A7	1,195	6,411	-81.4%	1,615	-26.0%
GRP THREE ULSD(PLT)VS HEA	A6	12,476	4,276	191.8%	13,189	-5.4%
GRP THREE UNL GS (PLT) VS	A8	16	2,752	-99.4%	44	-63.6%
GULF COAST 3% FUEL OIL BA	VZ	1,894	2,373	-20.2%	1,810	4.6%
GULF COAST GASOLINE CLNDR	GS	170	1,025	-83.4%	277	-38.6%
GULF COAST HEATING OIL CL	GP	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	4,079	8,705	-53.1%	5,103	-20.1%
GULF COAST JET VS NYM 2 H	ME	50,522	11,297	347.2%	53,127	-4.9%

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GULF COAST NO.6 FUEL OIL	MF	48,148	49,904	-3.5%	46,410	3.7%
GULF COAST NO.6 FUEL OIL	MG	6,531	8,341	-21.7%	6,474	0.9%
GULF COAST ULSD CALENDAR	LY	10,309	20,094	-48.7%	11,101	-7.1%
GULF COAST ULSD CRACK SPR	GY	22,541	22,732	-0.8%	21,669	4.0%
GULF CO HEAT OIL (ARGUS) VS HEATING	7U	0	0	-	0	-
GULF CST GASOL CRCK SPRD	1J	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	0	0	-	180	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL LAST DAY	23	0	4	-100.0%	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL PHY	HOP	0	0	-	0	0.0%
HEATING OIL VS ICE GASOIL	HA	14,180	10,635	33.3%	13,746	3.2%
HENRY HUB BASIS SWAP	HB	15,976	25,310	-36.9%	15,440	3.5%
HENRY HUB INDEX SWAP FUTU	IN	9,136	25,454	-64.1%	18,312	-50.1%
HENRY HUB SWAP	NN	2,401,572	2,455,652	-2.2%	2,527,942	-5.0%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	4,196	25,437	-83.5%	5,483	-23.5%
HOUSTON SHIP CHANNEL INDE	IP	200	348	-42.5%	216	-7.4%
HOUSTON SHIP CHANNEL SWIN	SM	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	3,520	6,043	-41.8%	3,275	7.5%
ICE GASOIL BALMO SWAP	U9	0	20	-100.0%	0	-
ILLINOIS HUB PEAK MONTH S	OM	0	0	-	0	-
ILLINOIS OFF-PEAK MONTH S	OJ	0	0	-	0	-
IN DELIVERY MONTH CER	6S	0	7,597	-100.0%	0	-
IN DELIVERY MONTH EUA	6T	172,050	107,858	59.5%	171,564	0.3%
INDIANA MISO	FDM	23,400	809	2,792.5%	23,400	0.0%
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	FTM	121,456	217,081	-44.1%	126,720	-4.2%
INDIANA MISO	PDM	1,537	246	524.8%	1,516	1.4%
INDIANA MISO	PTD	0	0	-	0	-
INDIANA MISO	PTM	8,151	8,403	-3.0%	8,035	1.4%
INDONESIAN COAL	MCC	1,070	350	205.7%	830	28.9%
ISO NEW ENGLAND OFF-PEAK	KI	5,406	11,228	-51.9%	5,946	-9.1%
ISO NEW ENGLAND PK LMP	NI	7,175	14,655	-51.0%	7,803	-8.0%
JAPAN C&F NAPHTHA CRACK S	JB	60	270	-77.8%	90	-33.3%
JAPAN C&F NAPHTHA SWAP	JA	1,577	2,840	-44.5%	1,614	-2.3%
JAPAN NAPHTHA BALMO SWAP	E6	157	98	60.2%	33	375.8%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	67	35	91.4%	24	179.2%
JET BARGES VS ICE GASOIL	JR	5	42	-88.1%	5	0.0%
JET CIF NWE VS ICE	JC	970	1,148	-15.5%	1,040	-6.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	8	-100.0%
JET FUEL CARGOES CIF NEW	F3	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	10	9	11.1%	8	25.0%
JET FUEL UP-DOWN BALMO CL	1M	700	50	1,300.0%	1,470	-52.4%
JET UP-DOWN(ARGUS) SWAP	JU	0	250	-100.0%	0	-
LA CARB DIESEL (OPIS)	LX	213	462	-53.9%	156	36.5%
LA CARB DIESEL (OPIS) SWA	KL	653	1,390	-53.0%	859	-24.0%
LA CARBOB GASOLINE(OPIS)S	JL	175	405	-56.8%	900	-80.6%
LA JET FUEL VS NYM NO 2 H	MQ	1,407	50	2,714.0%	1,857	-24.2%
LA JET (OPIS) SWAP	JS	1,500	550	172.7%	875	71.4%
LL JET (OPIS) SWAP	LL	0	0	-	0	-
LLS (ARGUS) CALENDAR SWAP	XA	1,700	264	543.9%	1,950	-12.8%
LLS (ARGUS) VS WTI SWAP	WJ	43,924	13,596	223.1%	46,493	-5.5%

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Energy Futures						
LOS ANGELES CARB GASOLINE	MH	0	62	-100.0%	0	-
MALIN	PB	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	12,130	562	2,058.4%	11,340	7.0%
MARS (ARGUS) VS WTI TRD M	YV	279	2,368	-88.2%	367	-24.0%
MCCLOSKEY ARA ARGS COAL	MTF	83,584	28,391	194.4%	75,355	10.9%
MCCLOSKEY RCH BAY COAL	MFF	33,925	12,320	175.4%	32,206	5.3%
MGF FUT	MGF	0	5	-100.0%	0	-
MGN1 SWAP FUT	MGN	697	10	6,870.0%	662	5.3%
MICHCON NG INDEX SWAP	Y8	0	0	-	186	-100.0%
MICHCON NG SWING	T8	0	0	-	0	-
MICHIGAN BASIS	NF	3,668	13,919	-73.6%	4,090	-10.3%
MICHIGAN HUB OFF-PEAK MON	HJ	4	28	-85.7%	6	-33.3%
MICHIGAN HUB PEAK MONTH S	HM	4	28	-85.7%	6	-33.3%
MICHIGAN MISO	HMO	102,840	0	-	79,368	29.6%
MICHIGAN MISO	HMW	5,622	410	1,271.2%	4,577	22.8%
MISO 5MW OFF PEAK	4R	8,080	93,472	-91.4%	11,840	-31.8%
MISO 5MW PEAK	4Q	410	5,253	-92.2%	640	-35.9%
MJC FUT	MJC	972	408	138.2%	1,006	-3.4%
MNC FUT	MNC	4,344	871	398.7%	4,111	5.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	8,680	6,489	33.8%	9,503	-8.7%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	25	-100.0%	0	-
MONT BELVIEU ETHYLENE	1F	0	0	-	0	-
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	23,146	33,081	-30.0%	23,702	-2.3%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	50	472	-89.4%	344	-85.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	6,623	10,404	-36.3%	7,501	-11.7%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	200	0	-	364	-45.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	16,646	8,301	100.5%	17,248	-3.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	109	112	-2.7%	117	-6.8%
NAT GAS BASIS SWAP	TZ6	8,764	0	-	4,708	86.2%
NATURAL GAS INDEX	TZI	248	0	-	0	-
NATURAL GAS PEN SWP	NP	761,631	949,882	-19.8%	813,420	-6.4%
NCN FUT	NCN	0	0	-	0	-
NEPOOL CNCTCT 5MW D AH O	P3	14,175	60,904	-76.7%	14,175	0.0%
NEPOOL CONECTIC 5MW D AH	P2	1,230	3,851	-68.1%	1,230	0.0%
NEPOOL INTR HUB 5MW D AH	H2	368,330	676,584	-45.6%	395,428	-6.9%
NEPOOL INTR HUB 5MW D AH	U6	29,352	42,324	-30.6%	26,054	12.7%
NEPOOL MAINE 5MW D AH O E	W2	2,427	37,176	-93.5%	3,555	-31.7%
NEPOOL MAINE 5MW D AH PK	P9	123	2,123	-94.2%	192	-35.9%
NEPOOL NE MASS 5MW D AH O	P8	79,209	222,942	-64.5%	85,601	-7.5%
NEPOOL NE MASS 5MW D AH P	P7	4,476	13,420	-66.6%	4,982	-10.2%
NEPOOL NEW HAMP 5MW D AH	U2	717	1,480	-51.6%	832	-13.8%
NEPOOL NEW HAMP 5MW D AH	U3	13,373	27,445	-51.3%	15,253	-12.3%
NEPOOL RHD ISLD 5MW D AH	U4	3,866	1,362	183.8%	1,339	188.7%
NEPOOL RHODE IL 5MW D AH	U5	70,639	26,523	166.3%	24,585	187.3%
NEPOOL SE MASS 5MW D AH O	P5	11,136	47,767	-76.7%	14,144	-21.3%
NEPOOL SE MASS 5MW D AH P	P4	584	2,665	-78.1%	768	-24.0%
NEPOOL W CNT MASS 5MW D A	L9	68,910	103,366	-33.3%	76,430	-9.8%
NEPOOL W CNTR M 5MW D AH	R6	4,183	7,304	-42.7%	4,758	-12.1%
NEW ENGLAND HUB PEAK DAIL	CE	0	20	-100.0%	0	-
NEW YORK 0.3% FUEL OIL HI	8N	0	0	-	0	-
NEW YORK ETHANOL SWAP	EZ	600	1,322	-54.6%	1,114	-46.1%
NEW YORK HUB ZONE G PEAK	GN	77	50	54.0%	0	-
NEW YORK HUB ZONE J PEAK	JN	77	0	-	0	-

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Energy Futures						
NGPL MID-CONTINENT	NL	21,789	16,424	32.7%	22,107	-1.4%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL STX BASIS	T5	0	0	-	0	-
NGPL STX NAT GAS INDEX SW	N6	0	244	-100.0%	0	-
NGPL TEX/OK	PD	19,655	12,927	52.0%	20,166	-2.5%
NGPL TEXOK INDEX	OI	0	248	-100.0%	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-
N ILLINOIS HUB MTHLY	UM	3,962	8,350	-52.6%	3,955	0.2%
NO 2 UP-DOWN SPREAD CALEN	UT	2,120	2,017	5.1%	2,480	-14.5%
NORTHEN NATURAL GAS DEMAR	PE	20	2,352	-99.1%	40	-50.0%
NORTHEN NATURAL GAS VENTU	PF	3,139	9,958	-68.5%	3,843	-18.3%
NORTHERN ILLINOIS OFF-PEA	UO	5,214	8,428	-38.1%	5,573	-6.4%
NORTHWEST ROCKIES BASIS S	NR	13,261	37,781	-64.9%	18,621	-28.8%
N ROCKIES PIPE SWAP	XR	270	0	-	270	0.0%
NY 0.7% FUEL OIL (PLATTS	Y4	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	7,208	11,624	-38.0%	8,259	-12.7%
NY 2.2% FUEL OIL (PLATTS	Y3	0	184	-100.0%	0	-
NY 3.0% FUEL OIL (PLATTS	H1	732	89	722.5%	1,186	-38.3%
NY HARBOR 0.3% FUEL OIL S	VQ	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	125	234	-46.6%	300	-58.3%
NY HARBOR HEAT OIL SWP	MP	15,496	30,980	-50.0%	15,460	0.2%
NY HARBOR RESIDUAL FUEL 1	MM	11,210	17,314	-35.3%	12,753	-12.1%
NY HARBOR RESIDUAL FUEL C	ML	35	0	-	35	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	31,128	14,765	110.8%	24,502	27.0%
NY H OIL PLATTS VS NYMEX	YH	5,724	0	-	5,759	-0.6%
NY HRBR CONV GASOLINE VS	RZ	0	0	-	0	-
NYISO A	KA	10,515	6,560	60.3%	9,957	5.6%
NYISO A OFF-PEAK	KB	4,548	3,286	38.4%	4,638	-1.9%
NYISO CAPACITY	NNC	515	94	447.9%	449	14.7%
NYISO CAPACITY	NRS	508	602	-15.6%	454	11.9%
NYISO G	KG	6,855	5,075	35.1%	6,342	8.1%
NYISO G OFF-PEAK	KH	3,211	3,078	4.3%	3,062	4.9%
NYISO J	KJ	7,660	7,150	7.1%	7,084	8.1%
NYISO J OFF-PEAK	KK	1,532	2,410	-36.4%	1,520	0.8%
NYISO ZONE A 5MW D AH O P	K4	663,740	60,675	993.9%	609,354	8.9%
NYISO ZONE A 5MW D AH PK	K3	45,723	9,315	390.9%	41,770	9.5%
NYISO ZONE C 5MW D AH O P	A3	46,307	64,424	-28.1%	50,443	-8.2%
NYISO ZONE C 5MW D AH PK	Q5	2,913	4,040	-27.9%	3,626	-19.7%
NYISO ZONE G 5MW D AH O P	D2	672,986	200,114	236.3%	594,266	13.2%
NYISO ZONE G 5MW D AH PK	T3	58,503	18,974	208.3%	54,456	7.4%
NYISO ZONE J 5MW D AH O P	D4	344,879	101,941	238.3%	351,863	-2.0%
NYISO ZONE J 5MW D AH PK	D3	23,041	12,940	78.1%	23,722	-2.9%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	2,525	1,700	48.5%	3,350	-24.6%
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCTS	DOB	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCTS	DOO	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	119	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	3,211	7,789	-58.8%	4,186	-23.3%
ONEOK OKLAHOMA NAT GAS IN	C7	0	0	-	0	-
ONEOK OKLAHOMA NG BASIS	8X	1,215	2,264	-46.3%	1,017	19.5%
ONTARIO POWER SWAPS	OFD	200	80	150.0%	40	400.0%
ONTARIO POWER SWAPS	OFM	174,249	8,090	2,053.9%	176,129	-1.1%

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Energy Futures						
ONTARIO POWER SWAPS	OPD	0	10	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	19,630	0	-	14,084	39.4%
OPIS PHYSICAL ETHANE	3Q	0	0	-	0	-
OPIS PHYSICAL LDH PROPANE	3N	0	0	-	0	-
OPIS PHYSICAL NATURAL GASOLINE	3R	0	25	-100.0%	0	-
OPIS PHYSICAL NONLDH PROPANE	3P	0	0	-	0	-
OPIS PHYSICAL NORMAL BUTANE	3M	0	40	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	26,845	44,750	-40.0%	28,176	-4.7%
PANHANDLE INDEX SWAP FUTU	IV	0	488	-100.0%	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PANHANDLE SWING FUTURE	SV	0	0	-	0	-
PERMIAN BASIS SWAP	PM	931	8,856	-89.5%	1,163	-19.9%
PETROCHEMICALS	22	53	7	657.1%	24	120.8%
PETROCHEMICALS	32	81	36	125.0%	88	-8.0%
PETROCHEMICALS	51	28	216	-87.0%	42	-33.3%
PETROCHEMICALS	81	60	520	-88.5%	90	-33.3%
PETROCHEMICALS	8I	1,582	892	77.4%	1,754	-9.8%
PETROCHEMICALS	91	188	206	-8.7%	245	-23.3%
PETROCHEMICALS	CPP	0	0	-	0	-
PETROCHEMICALS	HPE	216	392	-44.9%	252	-14.3%
PETROCHEMICALS	JKM	0	0	-	0	-
PETROCHEMICALS	LPE	0	50	-100.0%	0	-
PETROCHEMICALS	MAE	10	0	-	0	-
PETROCHEMICALS	MAS	60	0	-	10	500.0%
PETROCHEMICALS	MBE	2,505	1,016	146.6%	2,520	-0.6%
PETROCHEMICALS	MNB	2,955	5,600	-47.2%	3,389	-12.8%
PETRO CRCKS & SPRDS ASIA	STI	25	21	19.0%	25	0.0%
PETRO CRCKS & SPRDS ASIA	STR	232	0	-	252	-7.9%
PETRO CRCKS & SPRDS ASIA	STS	390	1,924	-79.7%	200	95.0%
PETRO CRCKS & SPRDS NA	CBA	150	0	-	150	0.0%
PETRO CRCKS & SPRDS NA	CRB	552	66	736.4%	290	90.3%
PETRO CRCKS & SPRDS NA	EXR	1,294	1,575	-17.8%	1,233	4.9%
PETRO CRCKS & SPRDS NA	FOC	1,212	400	203.0%	812	49.3%
PETRO CRCKS & SPRDS NA	GCI	2,058	4,089	-49.7%	1,957	5.2%
PETRO CRCKS & SPRDS NA	GCU	31,050	25,883	20.0%	29,421	5.5%
PETRO CRCKS & SPRDS NA	GFC	80	0	-	165	-51.5%
PETRO CRCKS & SPRDS NA	HOB	4,700	4,525	3.9%	5,169	-9.1%
PETRO CRCKS & SPRDS NA	KSD	1,250	100	1,150.0%	1,350	-7.4%
PETRO CRCKS & SPRDS NA	NFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	200	-100.0%	225	-100.0%
PETRO CRCKS & SPRDS NA	NYC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	3,151	2,641	19.3%	2,438	29.2%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	19,059	21,366	-10.8%	18,678	2.0%
PETRO CRCKS & SPRDS NA	RBG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RVG	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	5,320	1,805	194.7%	2,099	153.5%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	190	391	-51.4%	70	171.4%
PETRO CRK&SPRD EURO	BFR	1,264	1,530	-17.4%	1,901	-33.5%
PETRO CRK&SPRD EURO	BOB	1,733	691	150.8%	1,639	5.7%
PETRO CRK&SPRD EURO	EBF	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-



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Energy Futures						
PETRO CRK&SPRD EURO	EPN	529	748	-29.3%	603	-12.3%
PETRO CRK&SPRD EURO	EVC	749	0	-	587	27.6%
PETRO CRK&SPRD EURO	FBT	1,610	1,948	-17.4%	1,730	-6.9%
PETRO CRK&SPRD EURO	FVB	208	36	477.8%	296	-29.7%
PETRO CRK&SPRD EURO	GCB	0	70	-100.0%	0	-
PETRO CRK&SPRD EURO	GOC	514	378	36.0%	591	-13.0%
PETRO CRK&SPRD EURO	GRB	1	5	-80.0%	0	-
PETRO CRK&SPRD EURO	GRS	15	15	0.0%	20	-25.0%
PETRO CRK&SPRD EURO	MGB	41	5	720.0%	42	-2.4%
PETRO CRK&SPRD EURO	MUD	527	682	-22.7%	501	5.2%
PETRO CRK&SPRD EURO	NBB	0	0	-	13	-100.0%
PETRO CRK&SPRD EURO	NOB	504	414	21.7%	556	-9.4%
PETRO CRK&SPRD EURO	NYG	0	140	-100.0%	0	-
PETRO CRK&SPRD EURO	S8	0	0	-	0	-
PETRO CRK&SPRD EURO	SFC	84	597	-85.9%	84	0.0%
PETROLEUM PRODUCTS	D43	80	0	-	80	0.0%
PETROLEUM PRODUCTS	D44	20	0	-	20	0.0%
PETROLEUM PRODUCTS	D53	0	0	-	0	-
PETROLEUM PRODUCTS	D62	0	0	-	0	-
PETROLEUM PRODUCTS	D63	457	0	-	400	14.3%
PETROLEUM PRODUCTS	D64	63	0	-	43	46.5%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	12	0	-	18	-33.3%
PETROLEUM PRODUCTS	RMG	0	0	-	0	-
PETROLEUM PRODUCTS	RMK	900	230	291.3%	0	-
PETROLEUM PRODUCTS ASIA	E6M	125	125	0.0%	100	25.0%
PETROLEUM PRODUCTS ASIA	MJN	3,651	778	369.3%	3,056	19.5%
PETRO OUTFRIGHT EURO	0A	0	0	-	0	-
PETRO OUTFRIGHT EURO	0B	220	30	633.3%	230	-4.3%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-
PETRO OUTFRIGHT EURO	0D	10,649	9,108	16.9%	10,291	3.5%
PETRO OUTFRIGHT EURO	0E	25	0	-	210	-88.1%
PETRO OUTFRIGHT EURO	0F	4,977	353	1,309.9%	4,947	0.6%
PETRO OUTFRIGHT EURO	1T	2	14	-85.7%	3	-33.3%
PETRO OUTFRIGHT EURO	33	794	1,312	-39.5%	873	-9.0%
PETRO OUTFRIGHT EURO	59	0	140	-100.0%	0	-
PETRO OUTFRIGHT EURO	5L	115	0	-	195	-41.0%
PETRO OUTFRIGHT EURO	63	163	40	307.5%	28	482.1%
PETRO OUTFRIGHT EURO	6L	0	5	-100.0%	0	-
PETRO OUTFRIGHT EURO	7I	30	200	-85.0%	327	-90.8%
PETRO OUTFRIGHT EURO	7P	0	3	-100.0%	0	-
PETRO OUTFRIGHT EURO	7R	390	410	-4.9%	279	39.8%
PETRO OUTFRIGHT EURO	7S	0	0	-	0	-
PETRO OUTFRIGHT EURO	88	10	0	-	0	-
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	0	0	-	0	-
PETRO OUTFRIGHT EURO	EFF	2	19	-89.5%	0	-
PETRO OUTFRIGHT EURO	EFM	31	8	287.5%	31	0.0%
PETRO OUTFRIGHT EURO	ENS	245	85	188.2%	199	23.1%
PETRO OUTFRIGHT EURO	EWN	72	0	-	90	-20.0%
PETRO OUTFRIGHT EURO	FBD	10	0	-	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-



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Energy Futures						
PETRO OUTRIGHT EURO	MBN	2,046	440	365.0%	1,814	12.8%
PETRO OUTRIGHT EURO	RBF	270	10	2,600.0%	270	0.0%
PETRO OUTRIGHT EURO	SMU	0	150	-100.0%	0	-
PETRO OUTRIGHT EURO	T0	50	212	-76.4%	15	233.3%
PETRO OUTRIGHT EURO	ULB	0	325	-100.0%	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	WE	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	234	0	-	351	-33.3%
PETRO OUTRIGHT EURO	Y0	0	0	-	0	-
PETRO OUTRIGHT NA	5Y	2	90	-97.8%	3	-33.3%
PETRO OUTRIGHT NA	DBB	472	6	7,766.7%	0	-
PETRO OUTRIGHT NA	FCB	128	76	68.4%	0	-
PETRO OUTRIGHT NA	FOB	0	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	GBA	0	0	-	0	-
PETRO OUTRIGHT NA	GKS	0	50	-100.0%	0	-
PETRO OUTRIGHT NA	GSI	0	0	-	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-
PETRO OUTRIGHT NA	JE	86	174	-50.6%	114	-24.6%
PETRO OUTRIGHT NA	MBL	573	1,254	-54.3%	629	-8.9%
PETRO OUTRIGHT NA	MEN	448	22	1,936.4%	215	108.4%
PETRO OUTRIGHT NA	MEO	8,513	1,354	528.7%	7,614	11.8%
PETRO OUTRIGHT NA	MFD	54	16	237.5%	34	58.8%
PETRO OUTRIGHT NA	MMF	114	42	171.4%	20	470.0%
PETRO OUTRIGHT NA	NYB	0	0	-	0	-
PETRO OUTRIGHT NA	NYE	0	0	-	0	-
PETRO OUTRIGHT NA	NYS	0	0	-	0	-
PETRO OUTRIGHT NA	NYT	100	205	-51.2%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PGE&E CITYGATE	PC	1,488	1,858	-19.9%	1,488	0.0%
PJM AD HUB 5MW REAL TIME	V3	1,259,304	501,635	151.0%	1,228,896	2.5%
PJM AD HUB 5MW REAL TIME	Z9	60,116	23,411	156.8%	52,328	14.9%
PJM AECO DA OFF-PEAK	X1	187,673	210,584	-10.9%	196,321	-4.4%
PJM AECO DA PEAK	Y1	10,148	11,407	-11.0%	10,677	-5.0%
PJM APS ZONE DA OFF-PEAK	W4	42,144	10,810	289.9%	42,144	0.0%
PJM APS ZONE DA PEAK	S4	2,298	854	169.1%	2,298	0.0%
PJM ATSI ELEC	MOD	5,472	9,392	-41.7%	6,224	-12.1%
PJM ATSI ELEC	MPD	294	508	-42.1%	340	-13.5%
PJM BGE DA OFF-PEAK	R3	57,865	49,136	17.8%	58,993	-1.9%
PJM BGE DA PEAK	E3	5,396	7,243	-25.5%	5,580	-3.3%
PJM COMED 5MW D AH O PK	D9	160,089	153,942	4.0%	175,129	-8.6%
PJM COMED 5MW D AH PK	D8	8,641	8,830	-2.1%	9,561	-9.6%
PJM DAILY	JD	0	0	-	0	-
PJM DAYTON DA OFF-PEAK	R7	183,534	427,872	-57.1%	222,318	-17.4%
PJM DAYTON DA PEAK	D7	14,202	30,842	-54.0%	16,784	-15.4%
PJM DPL DA OFF-PEAK	E8	14,489	72,489	-80.0%	16,745	-13.5%
PJM DPL DA PEAK	L8	817	4,189	-80.5%	978	-16.5%
PJM DUQUESNE 5MW D AH PK	D5	296	551	-46.3%	319	-7.2%
PJM DUQUS 5MW D AH O PK	D6	5,489	10,169	-46.0%	5,865	-6.4%
PJM EASTERNH DA OFF-PEAK	F4	0	0	-	0	-
PJM EASTERNH DA PEAK	E9	205	1,275	-83.9%	320	-35.9%
PJM JCPL DA OFF-PEAK	F2	23,400	16,320	43.4%	23,400	0.0%



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Energy Futures						
PJM JCPL DA PEAK	J2	3,280	4,357	-24.7%	3,395	-3.4%
PJM NI HUB 5MW REAL TIME	B3	58,416	38,536	51.6%	58,000	0.7%
PJM NI HUB 5MW REAL TIME	B6	891,415	914,188	-2.5%	931,953	-4.3%
PJM NILL DA OFF-PEAK	L3	603,021	879,141	-31.4%	627,942	-4.0%
PJM NILL DA PEAK	N3	27,898	57,512	-51.5%	29,589	-5.7%
PJM OFF-PEAK LMP SWAP FUT	JP	11,522	20,256	-43.1%	12,816	-10.1%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	2,061	8,070	-74.5%	2,360	-12.7%
PJM PEPCO DA OFF-PEAK	Q8	4,045	43,249	-90.6%	5,925	-31.7%
PJM PEPCO DA PEAK	R8	1,316	5,017	-73.8%	1,638	-19.7%
PJM PPL DA OFF-PEAK	F5	121,164	185,101	-34.5%	129,436	-6.4%
PJM PPL DA PEAK	L5	8,769	13,517	-35.1%	9,896	-11.4%
PJM PSEG DA OFF-PEAK	W6	164,417	391,787	-58.0%	179,081	-8.2%
PJM PSEG DA PEAK	L6	8,889	22,558	-60.6%	9,809	-9.4%
PJM WES HUB PEAK LMP 50 M	4S	256	256	0.0%	256	0.0%
PJM WESTH DA OFF-PEAK	E4	799,199	992,241	-19.5%	751,055	6.4%
PJM WESTHDA PEAK	J4	51,868	74,253	-30.1%	52,377	-1.0%
PJM WESTH RT OFF-PEAK	N9	1,811,486	1,170,898	54.7%	1,848,504	-2.0%
PJM WESTH RT PEAK	L1	100,448	58,071	73.0%	94,123	6.7%
PLASTICS	PGP	830	713	16.4%	955	-13.1%
PLASTICS	PPP	25	8	212.5%	25	0.0%
POLYETHYLENE FUTURES	P6	0	98	-100.0%	0	-
POLYPROPYLENE FUTURES	P1	0	4	-100.0%	0	-
PREMIUM UNLD 10P FOB MED	3G	619	554	11.7%	602	2.8%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	-	0	-
PREMIUM UNLEAD 10PPM C NW	6D	0	0	-	0	-
PREMIUM UNLEAD 10PPM FOB	8G	181	36	402.8%	63	187.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	10	1	900.0%	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	54	383	-85.9%	106	-49.1%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	60	100	-40.0%	0	-
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	1,462	1,042	40.3%	1,502	-2.7%
RBOB CALENDAR SWAP	RL	14,284	18,971	-24.7%	15,928	-10.3%
RBOB CRACK SPREAD	RM	9,368	4,391	113.3%	5,172	81.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	863	865	-0.2%	453	90.5%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB PHY	RBP	0	0	-	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	75	0	-	80	-6.3%
RBOB UP-DOWN CALENDAR SWA	RV	16,479	15,710	4.9%	13,320	23.7%
RBOB VS HEATING OIL SWAP	RH	0	0	-	0	-
ROCKIES KERN OPAL - NW IN	IR	0	480	-100.0%	0	-
SAN JUAN BASIS SWAP	NJ	3,771	9,652	-60.9%	4,125	-8.6%
SAN JUAN INDEX	IJ	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	182	175	4.0%	171	6.4%
SINGAPORE 380CST BALMO	BT	69	118	-41.5%	167	-58.7%
SINGAPORE 380CST FUEL OIL	SE	6,107	2,961	106.2%	5,388	13.3%
SINGAPORE FUEL 180CST CAL	UA	7,278	9,709	-25.0%	7,453	-2.3%
SINGAPORE FUEL OIL SPREAD	SD	2,720	3,583	-24.1%	3,173	-14.3%
SINGAPORE GASOIL	MTB	76	30	153.3%	172	-55.8%
SINGAPORE GASOIL	MTS	5,639	680	729.3%	5,615	0.4%
SINGAPORE GASOIL	STF	0	0	-	0	-
SINGAPORE GASOIL	STL	0	0	-	50	-100.0%
SINGAPORE GASOIL	STZ	850	2,505	-66.1%	975	-12.8%

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Energy Futures						
SINGAPORE GASOIL	SZF	0	0	-	0	-
SINGAPORE GASOIL	SZL	0	0	-	0	-
SINGAPORE GASOIL	SZZ	0	0	-	0	-
SINGAPORE GASOIL BALMO	VU	500	425	17.6%	468	6.8%
SINGAPORE GASOIL CALENDAR	MSG	80	0	-	80	0.0%
SINGAPORE GASOIL SWAP	SG	10,185	14,338	-29.0%	11,678	-12.8%
SINGAPORE GASOIL VS ICE	GA	16,847	27,035	-37.7%	18,471	-8.8%
SINGAPORE JET KERO BALMO	BX	50	100	-50.0%	0	-
SINGAPORE JET KERO GASOIL	RK	10,786	15,139	-28.8%	12,694	-15.0%
SINGAPORE JET KEROSENE SW	KS	8,462	12,693	-33.3%	10,049	-15.8%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	300	0	-	50	500.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	150	1,225	-87.8%	280	-46.4%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	14,983	10,018	49.6%	11,988	25.0%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	1,478	495	198.6%	1,845	-19.9%
SING FUEL	MSD	15	0	-	40	-62.5%
SOCAL BASIS SWAP	NS	6,033	11,728	-48.6%	6,407	-5.8%
SOCAL PIPE SWAP	XN	4,740	15,472	-69.4%	5,100	-7.1%
SONAT BASIS SWAP FUTURE	SZ	2,980	4,682	-36.4%	3,100	-3.9%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	2,352	2,850	-17.5%	2,610	-9.9%
Sumas Basis Swap	NK	7,540	7,630	-1.2%	7,496	0.6%
TC2 ROTTERDAM TO USAC 37K	TM	100	75	33.3%	135	-25.9%
TC4 SINGAPORE TO JAPAN 30	TJ	0	0	-	0	-
TC5 RAS TANURA TO YOKOHAM	TH	210	181	16.0%	290	-27.6%
TCO BASIS SWAP	TC	5,253	17,237	-69.5%	6,013	-12.6%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TCO NG SWING	A1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	74	1,559	-95.3%	111	-33.3%
TD5 WEST AFRICA TO USAC 1	TI	0	60	-100.0%	0	-
TENN 800 LEG NAT GAS INDE	L4	5,289	4,356	21.4%	5,134	3.0%
TENNESSEE 500 LEG BASIS S	NM	0	320	-100.0%	0	-
TENNESSEE 500 LEG NG INDE	Y7	2,920	5,840	-50.0%	3,168	-7.8%
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-
TENNESSEE 800 LEG NG BASI	6Z	3,509	6,580	-46.7%	4,379	-19.9%
TENNESSEE ZONE 0 BASIS SW	NQ	0	1,120	-100.0%	0	-
TENNESSEE ZONE 0 NG INDE	Q4	0	600	-100.0%	0	-
TENNESSEE ZONE 0 NG SWIN	T4	0	0	-	0	-
Tetco ELA Basis	TE	0	0	-	0	-
TETCO M-3 INDEX	IX	0	0	-	0	-
Tetco STX Basis	TX	694	1,418	-51.1%	740	-6.2%
TETCO STX NG INDEX SWAP	Q2	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	5,918	7,406	-20.1%	4,442	33.2%
TEXAS EASTERN ZONE M-3 SW	SX	0	0	-	0	-
TEXAS EAST WLA NAT GAS IN	C2	0	0	-	0	-
TEXAS EAST W LOUISIANA NG	8B	0	732	-100.0%	0	-
TEXAS GAS ZONE 1 NAT GAS	N4	0	0	-	0	-
TEXAS GAS ZONE1 NG BASIS	9F	2,420	31	7,706.5%	2,420	0.0%
TEXAS GAS ZONE SL BASIS S	TB	0	776	-100.0%	0	-
TEXAS GAS ZONE SL NAT GAS	J7	0	0	-	0	-
TRANSCO ZONE 1 NAT GAS IN	C4	0	0	-	62	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	64	-100.0%	0	-
TRANSCO ZONE 2 NAT GAS IN	L7	0	0	-	0	-



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Energy Futures					
TRANSCO ZONE 2 NG BASIS	0	0	-	0	-
Transco Zone 3 Basis	7,914	4,710	68.0%	4,079	94.0%
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	6,274	7,486	-16.2%	6,694	-6.3%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	3,818	8,629	-55.8%	4,030	-5.3%
TRANSCO ZONE 6 INDEX	0	0	-	0	-
TRANSCO ZONE 6 SWING SWAP	0	0	-	0	-
TRUNKLINE LA BASIS SWAP	0	0	-	0	-
UCM FUT	115	0	-	76	51.3%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	9	10	-10.0%	0	-
ULSD 10PPM CIF MED VS ICE	332	518	-35.9%	440	-24.5%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	32	-100.0%	30	-100.0%
ULSD UP-DOWN(ARGUS) SWAP	0	70	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1,445	2,625	-45.0%	3,425	-57.8%
UP DOWN GC ULSD VS NMX HO	77,043	41,317	86.5%	81,233	-5.2%
USGC UNL 87 CRACK SPREAD	1,360	2,685	-49.3%	1,010	34.7%
VENTURA INDEX FUTURE	0	0	-	0	-
WAHA BASIS	4,615	13,667	-66.2%	5,659	-18.4%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	13,263	19,005	-30.2%	14,681	-9.7%
WTI-BRENT BULLET SWAP	8,285	2,210	274.9%	6,764	22.5%
WTI-BRENT CALENDAR SWAP	96,085	51,959	84.9%	88,257	8.9%
WTI CALENDAR	161,121	179,276	-10.1%	164,763	-2.2%
WTS (ARGUS) VS WTI SWAP	8,441	250	3,276.4%	8,971	-5.9%
WTS (ARGUS) VS WTI TRD MT	5,842	4,881	19.7%	6,167	-5.3%
MXB	50	0	-	0	-
Energy Options					
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	-
APPALACHIAN COAL	230	750	-69.3%	230	0.0%
BRENT 1 MONTH CAL	0	1,500	-100.0%	0	-
BRENT CALENDAR SWAP	281,712	310,564	-9.3%	279,915	0.6%
BRENT CRUDE OIL 1 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	22,352	46,426	-51.9%	29,340	-23.8%
BRENT OIL LAST DAY	72,644	33,977	113.8%	95,281	-23.8%
CENTRAL APPALACHIAN COAL	0	0	-	0	-
CINERGY HUB PEAK MONTH	0	4,840	-100.0%	240	-100.0%
COAL API2 INDEX	375	0	0.0%	375	0.0%
COAL API2 INDEX	50	0	0.0%	50	0.0%
COAL API4 INDEX	25	0	-	25	0.0%
COAL API4 INDEX	0	115	-100.0%	0	-
COAL SWAP	100	40	150.0%	100	0.0%
COAL SWAP	2,285	515	343.7%	2,285	0.0%
CRUDE OIL 1MO	254,370	267,475	-4.9%	257,995	-1.4%
CRUDE OIL APO	618,036	1,015,698	-39.2%	673,850	-8.3%
CRUDE OIL CALNDR STRIP	50	25	100.0%	0	-
CRUDE OIL OUTRIGHTS	5,322	1,450	267.0%	4,730	12.5%
CRUDE OIL OUTRIGHTS	4,350	5,960	-27.0%	4,875	-10.8%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL PHY	103,358	133,494	-22.6%	153,454	-32.6%

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Energy Options						
CRUDE OIL PHY	LO	2,083,085	2,668,303	-21.9%	2,843,511	-26.7%
CRUDE OIL SPRDS	BPC	0	0	-	0	-
DAILY CRUDE OIL	DNM	0	0	-	0	0.0%
DAILY PJM	J01	0	0	-	0	-
DAILY PJM	J02	0	0	-	0	-
DAILY PJM	J03	0	0	-	0	-
DAILY PJM	J04	0	0	-	0	-
DAILY PJM	J05	0	0	-	0	-
DAILY PJM	J06	0	0	-	0	-
DAILY PJM	J07	0	0	-	0	-
DAILY PJM	J08	0	0	-	0	-
DAILY PJM	J09	0	0	-	0	-
DAILY PJM	J10	0	0	-	0	-
DAILY PJM	J11	0	0	-	0	-
DAILY PJM	J12	0	0	-	0	-
DAILY PJM	J13	0	0	-	0	-
DAILY PJM	J14	0	0	-	0	-
DAILY PJM	J15	0	0	-	0	-
DAILY PJM	J16	0	0	-	0	-
DAILY PJM	J17	0	0	-	0	-
DAILY PJM	J18	0	0	-	0	-
DAILY PJM	J19	0	0	-	0	-
DAILY PJM	J20	0	0	-	0	-
DAILY PJM	J21	0	0	-	0	-
DAILY PJM	J22	0	0	-	0	-
DAILY PJM	J23	0	0	-	0	-
DAILY PJM	J24	0	0	-	0	-
DAILY PJM	J25	0	0	-	0	-
DAILY PJM	J26	0	0	-	0	-
DAILY PJM	J27	0	0	-	0	-
DAILY PJM	J28	0	0	-	0	-
DAILY PJM	J29	0	0	-	0	-
DAILY PJM	J30	0	0	-	0	-
DAILY PJM	J31	0	0	-	0	-
ELEC FINSETTLED	NEL	0	52	-100.0%	0	-
ELEC FINSETTLED	PJD	0	4	-100.0%	0	-
ELEC FINSETTLED	PJH	2	0	-	2	0.0%
ELEC FINSETTLED	PML	2,171	6,250	-65.3%	2,602	-16.6%
ELEC MISO PEAK	OEM	400	760	-47.4%	400	0.0%
ETHANOL SWAP	CVR	4,029	1,415	184.7%	3,448	16.9%
ETHANOL SWAP	GVR	14,238	900	1,482.0%	18,613	-23.5%
EURO-DENOMINATED PETRO PROD	EFB	360	0	-	0	-
EURO-DENOMINATED PETRO PROD	NWE	0	20	-100.0%	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC (30	136	89	52.8%	145	-6.2%
GASOIL CRACK SPREAD AVG PRICE OPTIONS	3U	1,850	699	164.7%	2,025	-8.6%
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	325	-100.0%	0	-
HEATING OIL PHY	LB	2,763	568	386.4%	3,040	-9.1%
HEATING OIL PHY	OH	49,881	54,881	-9.1%	84,427	-40.9%
HENRY HUB FINANCIAL LAST	E7	20,167	2,284	783.0%	20,393	-1.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	700	-100.0%	0	0.0%
HO 6 MONTH CAL	FM	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-

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Energy Options						
IN DELIVERY MONTH CER OPTIONS	6P	0	9,600	-100.0%	0	-
IN DELIVERY MONTH EUA OPTIONS	6U	3,000	14,500	-79.3%	3,000	0.0%
ISO NEW ENGLAND PK LMP	OE	810	15,100	-94.6%	1,710	-52.6%
MCCLOSKEY ARA ARGS COAL	MTO	6,570	1,575	317.1%	2,070	217.4%
MCCLOSKEY RCH BAY COAL	MFO	1,540	750	105.3%	940	63.8%
NAT GAS BASIS SWAP	4W	0	0	-	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	271,069	155,351	74.5%	256,766	5.6%
NATURAL GAS 1MO	IA	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	G2	1,900	0	-	1,900	0.0%
NATURAL GAS 3 M CSO FIN	G3	18,650	26,400	-29.4%	11,450	62.9%
NATURAL GAS 5 M CSO FIN	G5	3,000	0	-	3,000	0.0%
NATURAL GAS 6 M CSO FIN	G6	21,200	34,915	-39.3%	11,100	91.0%
NATURAL GAS OPT	5F	0	0	-	0	-
NATURAL GAS OPT	5N	0	0	-	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	29,891	32,411	-7.8%	29,831	0.2%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	4,859,583	5,300,704	-8.3%	4,958,430	-2.0%
NATURAL GAS PHY	ON	240,080	214,335	12.0%	193,358	24.2%
NATURAL GAS SUMMER STRIP	4D	60	2,800	-97.9%	60	0.0%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ILLINOIS HUB MTHLY	OU	0	40	-100.0%	0	-
N ROCKIES PIPE SWAP	ZR	19,591	30,219	-35.2%	20,371	-3.8%
NW PIPELINE ROCKIES BASIS	5I	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	65,030	90,357	-28.0%	64,262	1.2%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
NYMEX EUROPEAN GASOIL APO	F7	314	1,082	-71.0%	354	-11.3%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE BASIS	5K	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	2,140	27,844	-92.3%	4,280	-50.0%
PETROCHEMICALS	4H	13,475	6,942	94.1%	13,016	3.5%
PETROCHEMICALS	4I	180	1,410	-87.2%	270	-33.3%
PETROCHEMICALS	4J	9,330	6,350	46.9%	8,880	5.1%
PETROCHEMICALS	4K	1,982	1,332	48.8%	2,423	-18.2%
PETROCHEMICALS	CPR	267	46	480.4%	52	413.5%
PETRO OUTRIGHT EURO	8H	1,069	252	324.2%	1,161	-7.9%
PETRO OUTRIGHT NA	FG	0	6	-100.0%	0	-
PGE CITYGATE PIPE SWAP	CW	12,000	12,000	0.0%	12,000	0.0%
PJM CALENDAR STRIP	6O	18,200	29,260	-37.8%	17,440	4.4%
PJM MONTHLY	JO	2,688	20,622	-87.0%	4,250	-36.8%
RBOB 1MO CAL SPD OPTIONS	ZA	200	1,600	-87.5%	200	0.0%
RBOB 3 MONTH CALENDAR SPR	ZC	0	0	-	0	-
RBOB 6 MONTH CALENDAR SPR	ZM	0	0	-	0	-
RBOB CALENDAR SWAP	RA	12,250	4,922	148.9%	10,921	12.2%
RBOB CRACK	RX	0	0	-	0	-
RBOB CRACK SPREAD AVG PRICE OPTIONS	3Y	0	225	-100.0%	0	-
RBOB PHY	OB	30,872	20,309	52.0%	35,816	-13.8%
RBOB PHY	RF	38	205	-81.5%	360	-89.4%
ROTTERDAM 3.5%FUEL OIL CL	Q6	8,376	9,200	-9.0%	8,233	1.7%
SAN JUAN PIPE SWAP	PJ	6,520	8,854	-26.4%	6,560	-0.6%
SHORT TERM	C12	0	0	-	0	-
SHORT TERM	C13	0	0	-	0	-

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



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Commodity	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG	
Energy Options						
SHORT TERM	C23	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 CRUDE OIL	C01	0	0	-	0	-
SHORT TERM CRUDE OIL	C02	0	0	-	0	-
SHORT TERM CRUDE OIL	C03	0	0	-	0	-
SHORT TERM CRUDE OIL	C04	0	0	-	0	-
SHORT TERM CRUDE OIL	C05	0	0	-	0	-
SHORT TERM CRUDE OIL	C09	0	0	-	0	-
SHORT TERM CRUDE OIL	C16	0	0	-	0	-
SHORT TERM CRUDE OIL	C31	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	50	-100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	1,200	-100.0%	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	0.0%	0	-
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	C5	710	762	-6.8%	770	-7.8%
SINGAPORE GASOIL CALENDAR	M2	100	2,020	-95.0%	150	-33.3%
SINGAPORE JET FUEL CALEND	N2	6,576	10,551	-37.7%	8,349	-21.2%
SOCAL BASIS OPTION	5M	0	0	-	0	-
SOCAL PIPE SWAP	ZN	40,640	83,463	-51.3%	43,360	-6.3%
TRANSCO ZONE 6 PIPE SWAP	TZ	0	0	-	0	-
WTI 12 MONTH CALENDAR OPT	WZ	0	0	-	8,300	-100.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	-	1,050	-100.0%
WTI-BRENT BULLET SWAP	BV	73,346	22,850	221.0%	123,695	-40.7%
WTI CRUDE OIL 1 M CSO FI	7A	56,650	26,900	110.6%	92,625	-38.8%
WTI CRUDE OIL 6 M CSO FI	7M	0	0	-	0	-



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Commodity		Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
FX Futures						
COLOMBIAN PESO FUTURES	V2	0	0	-	0	-
Metals Futures						
COMEX GOLD	GC	387,611	446,115	-13.1%	391,339	-1.0%
NYMEX HOT ROLLED STEEL	HR	14,619	12,902	13.3%	14,982	-2.4%
NYMEX PLATINUM	PL	60,940	61,679	-1.2%	56,971	7.0%
PALLADIUM	PA	35,707	23,271	53.4%	38,808	-8.0%
COMEX SILVER	SI	133,205	146,759	-9.2%	120,772	10.3%
E-MINI GOLD	8Q	0	0	-	0	-
COMEX MINY GOLD	QO	530	2,280	-76.8%	1,139	-53.5%
E-MINI SILVER	6Q	3	4	-25.0%	3	0.0%
COMEX MINY SILVER	QI	136	183	-25.7%	188	-27.7%
COMEX COPPER	HG	155,519	141,688	9.8%	157,932	-1.5%
COMEX MINY COPPER	QC	112	103	8.7%	188	-40.4%
AUSTRIALIAN COKE COAL	ACL	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	64	0	-	18	255.6%
COPPER	HGS	453	50	806.0%	419	8.1%
E-MICRO GOLD	MGC	1,237	1,994	-38.0%	1,733	-28.6%
FERROUS PRODUCTS	BUS	171	152	12.5%	254	-32.7%
FERROUS PRODUCTS	SSF	24	295	-91.9%	0	-
IRON ORE	PIO	0	10	-100.0%	0	-
METALS	AUP	84	0	-	84	0.0%
NYMEX IRON ORE FUTURES	TIO	4,463	3,808	17.2%	3,908	14.2%
SILVER	SIL	1,027	0	-	732	40.3%
VOLATILITY GOLD	GVF	0	0	-	0	-
Metals Options						
COMEX COPPER	HX	1,936	725	167.0%	2,220	-12.8%
COMEX GOLD	OG	1,366,797	949,708	43.9%	1,619,581	-15.6%
COMEX SILVER	SO	174,004	175,543	-0.9%	244,475	-28.8%
IRON ORE CHINA	ICP	0	0	-	0	-
IRON ORE CHINA	ICT	3,762	11,449	-67.1%	3,378	11.4%
NYMEX HOT ROLLED STEEL	HRO	1,920	1,075	78.6%	3,150	-39.0%
NYMEX PLATINUM	PO	19,849	17,267	15.0%	20,552	-3.4%
PALLADIUM	PAO	11,295	6,851	64.9%	22,265	-49.3%
SHORT TERM	L11	0	0	-	0	-
SHORT TERM	L12	0	0	-	0	-
SHORT TERM	L14	0	0	-	0	-
SHORT TERM	L15	0	0	-	0	-
SHORT TERM	L22	0	0	-	0	-
SHORT TERM	L25	0	0	-	0	-
SHORT TERM GOLD	L01	0	0	-	0	-
SHORT TERM GOLD	L02	0	0	-	0	-
SHORT TERM GOLD	L03	0	0	-	0	-
SHORT TERM GOLD	L04	0	0	-	0	-
SHORT TERM GOLD	L05	0	0	-	0	-
SHORT TERM GOLD	L06	0	0	-	0	-
SHORT TERM GOLD	L07	0	0	-	0	-
SHORT TERM GOLD	L08	0	0	-	0	-
SHORT TERM GOLD	L09	0	0	-	0	-
SHORT TERM GOLD	L10	0	0	-	0	-
SHORT TERM GOLD	L16	0	0	-	0	-



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
Metals Options					
SHORT TERM GOLD L17	0	0	-	0	-
SHORT TERM GOLD L27	0	0	-	0	-
SHORT TERM GOLD L28	0	0	-	0	-
SHORT TERM GOLD L29	0	0	-	0	-
SHORT TERM GOLD L30	0	0	-	0	-
SHORT TERM GOLD L31	0	0	-	0	-
TOTAL FUTURES GROUP					
Commodities and Alternative Investments Futures	9	30	-70.0%	22	-59.1%
Energy Futures	20,505,321	18,782,849	9.2%	20,693,071	-0.9%
FX Futures	0	0	-	0	-
Metals Futures	795,905	841,293	-5.4%	789,470	0.8%
TOTAL FUTURES	21,301,235	19,624,172	8.5%	21,482,563	-0.8%
TOTAL OPTIONS GROUP					
Energy Options	9,384,238	10,789,343	-13.0%	10,444,164	-10.1%
Metals Options	1,579,563	1,162,618	35.9%	1,915,621	-17.5%
TOTAL OPTIONS	10,963,801	11,951,961	-8.3%	12,359,785	-11.3%
TOTAL COMBINED					
Commodities and Alternative Investments	9	30	-70.0%	22	-59.1%
Energy	29,889,559	29,572,192	1.1%	31,137,235	-4.0%
FX	0	0	-	0	-
Metals	2,375,468	2,003,911	18.5%	2,705,091	-12.2%
GRAND TOTAL	32,265,036	31,576,133	2.2%	33,842,348	-4.7%