



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>Commodities and Alternative Investments Futures</b>					
COCOA TAS	45	8	462.5%	40	12.5%
COFFEE	12	23	-47.8%	15	-20.0%
COTTON	9	39	-76.9%	13	-30.8%
SUGAR 11	14	29	-51.7%	26	-46.2%
<b>Energy Futures</b>					
CRUDE OIL PHY	1,685,157	1,494,163	12.8%	1,622,914	3.8%
CRUDE OIL	11,306	23,147	-51.2%	11,697	-3.3%
MINY WTI CRUDE OIL	4,091	5,164	-20.8%	4,961	-17.5%
BRENT OIL LAST DAY	166,768	147,733	12.9%	169,287	-1.5%
HEATING OIL PHY	362,869	396,913	-8.6%	383,616	-5.4%
HTG OIL	222	180	23.3%	216	2.8%
MINY HTG OIL	1	0	0.0%	1	0.0%
RBOB PHY	328,563	317,066	3.6%	367,061	-10.5%
MINY RBOB GAS	0	2	-100.0%	0	-
NATURAL GAS	90,424	71,044	27.3%	79,375	13.9%
LTD NAT GAS	343,552	407,207	-15.6%	358,212	-4.1%
MINY NATURAL GAS	2,755	2,005	37.4%	2,306	19.5%
PJM MONTHLY	11,267	17,325	-35.0%	12,047	-6.5%
NATURAL GAS PHY	1,025,407	901,524	13.7%	931,361	10.1%
RBOB GAS	640	425	50.6%	593	7.9%
3.5% FUEL OIL CID MED SWA	237	389	-39.1%	209	13.4%
3.5% FUEL OIL CIF BALMO S	0	1	-100.0%	0	-
AEP-DAYTON HUB DAILY	242	0	-	288	-16.0%
AEP-DAYTON HUB MTHLY	2,214	4,277	-48.2%	2,380	-7.0%
AEP-DAYTON HUB OFF-PEAK M	2,394	4,550	-47.4%	2,664	-10.1%
ALGON CITY GATES NAT GAS	0	372	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	620	711	-12.8%	706	-12.2%
ANR LA NAT GAS INDEX SWAP	0	0	-	0	-
ANR LOUISIANA BASIS SWAP	856	0	-	1,166	-26.6%
ANR OKLAHOMA	5,263	15,368	-65.8%	6,131	-14.2%
APPALACHIAN COAL (PHY)	185	952	-80.6%	264	-29.9%
ARGUS BIODIESEL RME FOB R	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	13,184	5,493	140.0%	12,542	5.1%
ARGUS PROPAN FAR EST INDE	998	518	92.7%	791	26.2%
ARGUS PROPAN(SAUDI ARAMCO	724	825	-12.2%	623	16.2%
AUSTRALIAN COKE COAL	654	1,332	-50.9%	701	-6.7%
BRENT BALMO SWAP	320	185	73.0%	10	3,100.0%
BRENT CALENDAR SWAP	21,888	34,648	-36.8%	25,038	-12.6%
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-
BRENT CFD SWAP	0	81	-100.0%	0	-
BRENT FINANCIAL FUTURES	8,360	15,737	-46.9%	8,480	-1.4%
BRENT FINANCIAL FUTURES	180	0	-	230	-21.7%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CANADIAN LIGHT SWEET OIL	6,114	615	894.1%	3,327	83.8%
CARBON EUA EMISSIONS EURO	0	0	-	0	-
CENTERPOINT BASIS SWAP	15,308	3,355	356.3%	16,052	-4.6%
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTER POINT NAT GAS FIXED PRICE	16	0	-	24	-33.3%
CHICAGO BASIS SWAP	0	0	-	0	-

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<b>Energy Futures</b>						
CHICAGO ETHANOL SWAP	CU	43,745	38,863	12.6%	49,739	-12.1%
CHICAGO ULSD (PLATTS) SWA	4C	54	83	-34.9%	56	-3.6%
CHICAGO ULSD PL VS HO SPR	5C	2,368	1,742	35.9%	2,531	-6.4%
CHICAGO UNL GAS PL VS RBO	3C	84	48	75.0%	115	-27.0%
CIG BASIS	CI	15,020	8,964	67.6%	16,032	-6.3%
CINERGY HUB OFF-PEAK MONT	EJ	890	1,514	-41.2%	954	-6.7%
CINERGY HUB PEAK MONTH	EM	718	1,880	-61.8%	792	-9.3%
CIN HUB 5MW D AH O PK	K2	311,864	270,384	15.3%	320,664	-2.7%
CIN HUB 5MW D AH PK	H5	18,502	18,489	0.1%	18,593	-0.5%
CIN HUB 5MW REAL TIME O P	H4	755,368	393,272	92.1%	558,136	35.3%
CIN HUB 5MW REAL TIME PK	H3	25,610	22,729	12.7%	18,023	42.1%
COAL SWAP	ACM	520	665	-21.8%	365	42.5%
COAL SWAP	SSI	516	2,654	-80.6%	458	12.7%
COLUMB GULF MAINLINE NG B	5Z	39,050	32,467	20.3%	40,016	-2.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	248	-100.0%
COLUMBIA GULF ONSHORE	GL	29,539	27,403	7.8%	29,663	-0.4%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	247	128	93.0%	266	-7.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	840	838	0.2%	870	-3.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	13,470	10,122	33.1%	10,820	24.5%
CRUDE OIL	LPS	8,600	0	-	7,650	12.4%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	405	554	-26.9%	90	350.0%
CRUDE OIL OUTRIGHTS	DBL	6,445	0	-	10,735	-40.0%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCC	15,046	17,353	-13.3%	13,640	10.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	300	0	-	300	0.0%
CRUDE OIL SPRDS	DPO	0	0	-	0	-
CRUDE OIL SPRDS	KE	0	0	-	0	-
CRUDE OIL SPRDS	LE	0	0	-	0	-
CRUDE OIL SPRDS	WTT	4,042	0	-	1,330	203.9%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY EUA	EUL	0	0	-	0	-
DAILY PJM	AOR	20,640	0	-	18,336	12.6%
DAILY PJM	IDO	23,439	0	-	22,320	5.0%
DAILY PJM	NOC	6,000	0	-	4,320	38.9%
DAILY PJM	PAP	1,325	0	-	1,481	-10.5%
DAILY PJM	PDJ	0	0	-	0	-
DAILY PJM	PEO	35,722	0	-	30,232	18.2%
DAILY PJM	PNO	15,726	0	-	20,328	-22.6%
DAILY PJM	PNP	815	0	-	1,050	-22.4%
DAILY PJM	PWO	27,561	0	-	20,160	36.7%
DAILY PJM	PWP	1,450	0	-	1,184	22.5%
DAILY PJM	WOR	17,640	0	-	14,112	25.0%
DAILY PJM	ZAO	29,241	0	-	27,360	6.9%
DAILY PJM	ZGO	45,870	0	-	33,544	36.7%
DAILY PJM	ZJO	11,286	0	-	10,824	4.3%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	13,967	4,091	241.4%	13,416	4.1%
DEMARC INDEX FUTURE	DI	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	5	-100.0%	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-

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<b>Energy Futures</b>						
DIESEL10PPM BARG VS ICE LS	LSE	0	6	-100.0%	0	-
DOMINION TRAN INC - APP I	IH	2,160	0	-	0	-
DOMINION TRANSMISSION INC	PG	30,496	17,081	78.5%	27,499	10.9%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	9,211	3,952	133.1%	8,434	9.2%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	3,113	4,395	-29.2%	3,255	-4.4%
EAST/WEST FUEL OIL SPREAD	EW	1,085	1,814	-40.2%	1,206	-10.0%
EIA FLAT TAX ONHWAY DIESE	A5	5,043	6,258	-19.4%	5,391	-6.5%
ELEC ERCOT DLY OFF PK	R4	2,640	0	-	2,112	25.0%
ELEC ERCOT DLY PEAK	I7	186	0	-	186	0.0%
ELEC ERCOT DLY PEAK	I9	0	0	-	0	-
ELEC ERCOT DLY PEAK	N1	924	8,320	-88.9%	1,408	-34.4%
ELEC ERCOT DLY PEAK	R1	132	0	-	132	0.0%
ELEC ERCOT OFF PEAK	ERU	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC ERCOT OFF PEAK	O1	17,446	174,893	-90.0%	26,070	-33.1%
ELEC FINSETTLED	47	64	1,946	-96.7%	85	-24.7%
ELEC FINSETTLED	49	1,275	0	-	1,275	0.0%
ELEC MISO PEAK	4L	2,741	2,043	34.2%	2,741	0.0%
ELEC MISO PEAK	55	2,036	576	253.5%	2,036	0.0%
ELEC NYISO OFF-PEAK	4M	28,156	35,370	-20.4%	28,156	0.0%
ELEC NYISO OFF-PEAK	58	37,600	10,513	257.7%	37,600	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	1,185	35,944	-96.7%	1,569	-24.5%
ELECTRICITY OFF PEAK	4P	2,370	9,328	-74.6%	6,978	-66.0%
ELECTRICITY OFF PEAK	50	23,520	0	-	23,520	0.0%
EMC FUTURE	EMC	0	0	-	0	-
EMMISSIONS	CPL	250	250	0.0%	250	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	1,800	0	-	3,072	-41.4%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	35,415	129,030	-72.6%	41,295	-14.2%
ERCOT NORTH ZMCPE 5MW PEAK	I5	3,087	11,170	-72.4%	3,769	-18.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,807	2,219	26.5%	3,447	-18.6%
EU LOW SULPHUR GASOIL CRACK	LSC	0	4,419	-100.0%	0	-
EURO 1% FUEL OIL NEW BALM	KX	70	15	366.7%	8	775.0%
EURO 3.5% FUEL OIL M CRK	FL	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	332	568	-41.5%	298	11.4%
EURO 3.5% FUEL OIL SPREAD	FK	1,308	1,093	19.7%	1,492	-12.3%
EURO-DENOMINATED PETRO PROD	IBE	0	66	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	MFE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	MFT	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	738	796	-7.3%	553	33.5%
EUROPE 1% FUEL OIL NWE CA	UF	305	406	-24.9%	316	-3.5%
EUROPE 1% FUEL OIL RDAM C	UH	80	119	-32.8%	80	0.0%
EUROPE 3.5% FUEL OIL MED	UI	364	403	-9.7%	209	74.2%
EUROPE 3.5% FUEL OIL RDAM	UV	10,094	11,950	-15.5%	10,186	-0.9%
EUROPEAN GASOIL (ICE)	7F	3,370	250	1,248.0%	2,242	50.3%
EUROPEAN NAPHTHA BALMO	KZ	101	199	-49.2%	83	21.7%
EUROPEAN NAPHTHA CRACK SPR	EN	12,803	18,682	-31.5%	13,383	-4.3%
EUROPE DATED BRENT SWAP	UB	10,559	3,873	172.6%	11,590	-8.9%

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EUROPE JET KERO NWE CALSW	24	61	-60.7%	38	-36.8%
EUROPE NAPHTHA CALSWAP	1,109	2,204	-49.7%	1,194	-7.1%
EURO PROPANE CIF ARA SWA	927	813	14.0%	954	-2.8%
FAME 0 BIODIESEL FOB RTDM SWP	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	4,654	2,161	115.4%	5,832	-20.2%
FREIGHT MARKETS	360	0	-	296	21.6%
FREIGHT MARKETS	0	0	-	0	-
FREIGHT MARKETS	0	0	-	0	-
FUEL OIL CRACK VS ICE	16,232	19,411	-16.4%	16,205	0.2%
FUEL OIL NWE CRACK VS ICE	273	1,374	-80.1%	288	-5.2%
FUEL OIL (PLATS) CAR CM	94	15	526.7%	154	-39.0%
FUEL OIL (PLATS) CAR CN	75	26	188.5%	51	47.1%
FUELOIL SWAP:CARGOES VS.B	1,578	2,602	-39.4%	1,786	-11.6%
GAS EURO-BOB OXY NWE BARGES	4,970	4,520	10.0%	5,605	-11.3%
GAS EURO-BOB OXY NWE BARGES CRK	33,724	33,488	0.7%	32,751	3.0%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	5	-100.0%
GASOIL 0.1 CARGOES CIF NE	0	0	-	0	-
GASOIL 0.1 CIF MED BALMO	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	20	0	-	0	-
GASOIL 0.1CIF MED VS ICE	61	33	84.8%	71	-14.1%
GASOIL 0.1 CIF NWE VS ISE	0	32	-100.0%	37	-100.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	66	162	-59.3%	64	3.1%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0	-
GASOIL 10P CRG CIF NW VS	0	15	-100.0%	0	-
GASOIL 10PPM CARGOES CIF	30	0	-	30	0.0%
GASOIL 10PPM VS ICE SWAP	208	230	-9.6%	273	-23.8%
GASOIL BULLET SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	34	196	-82.7%	102	-66.7%
GASOIL CRACK SPREAD CALEN	10,751	5,379	99.9%	11,451	-6.1%
GASOIL MINI CALENDAR SWAP	1,370	1,774	-22.8%	1,083	26.5%
GASOLINE UP-DOWN (ARGUS)	0	0	-	0	-
GASOLINE UP-DOWN BALMO SW	225	60	275.0%	525	-57.1%
GC ULSD VS GC JET SPREAD	0	75	-100.0%	0	-
GROUP THREE ULSD (PLATTS)	0	322	-100.0%	2	-100.0%
GRP THREE ULSD(PLT)VS HEA	8,489	13,321	-36.3%	9,886	-14.1%
GRP THREE UNL GS (PLT) VS	4,569	4,925	-7.2%	5,179	-11.8%
GULF COAST 3% FUEL OIL BA	1,120	2,084	-46.3%	947	18.3%
GULF COAST GASOLINE CLNDR	1,303	1,263	3.2%	1,609	-19.0%
GULF COAST JET FUEL CLNDR	1,542	2,220	-30.5%	1,600	-3.6%
GULF COAST JET VS NYM 2 H	38,977	44,303	-12.0%	39,023	-0.1%
GULF COAST NO.6 FUEL OIL	63,469	37,953	67.2%	63,965	-0.8%
GULF COAST NO.6 FUEL OIL	8,890	13,399	-33.7%	9,076	-2.0%
GULF COAST ULSD CALENDAR	5,331	7,563	-29.5%	5,767	-7.6%
GULF COAST ULSD CRACK SPR	9,674	17,241	-43.9%	9,832	-1.6%
HEATING OIL BALMO CLNDR S	811	75	981.3%	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	0	0	0.0%	0	0.0%
HEATING OIL PHY	0	0	-	0	-
HEATING OIL VS ICE GASOIL	0	5,165	-100.0%	0	-
HENRY HUB BASIS SWAP	61,702	38,954	58.4%	67,794	-9.0%
HENRY HUB INDEX SWAP FUTU	34,126	24,574	38.9%	31,454	8.5%

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HENRY HUB SWAP	NN	1,543,177	1,763,456	-12.5%	1,576,185	-2.1%
HENRY HUB SWING FUTURE	SN	0	0	-	80	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	22,601	11,556	95.6%	22,005	2.7%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	3,749	0	-	3,911	-4.1%
ICE BRENT DUBAI SWAP	DB	1,155	1,530	-24.5%	1,905	-39.4%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	84,537	116,695	-27.6%	84,207	0.4%
INDIANA MISO	FAD	10,240	0	-	5,856	74.9%
INDIANA MISO	FDM	0	5,925	-100.0%	0	-
INDIANA MISO	FTD	4,800	0	-	3,168	51.5%
INDIANA MISO	FTM	70,740	179,425	-60.6%	78,420	-9.8%
INDIANA MISO	PDD	572	0	-	616	-7.1%
INDIANA MISO	PDM	2,606	2,196	18.7%	3,236	-19.5%
INDIANA MISO	PTD	203	0	-	224	-9.4%
INDIANA MISO	PTM	1,600	4,137	-61.3%	2,125	-24.7%
INDONESIAN COAL	MCC	330	1,510	-78.1%	330	0.0%
ISO NEW ENGLAND OFF-PEAK	KI	804	1,986	-59.5%	864	-6.9%
ISO NEW ENGLAND PK LMP	NI	963	2,961	-67.5%	1,052	-8.5%
JAPAN C&F NAPHTHA CRACK S	JB	401	36	1,013.9%	1,136	-64.7%
JAPAN C&F NAPHTHA SWAP	JA	1,480	1,400	5.7%	1,409	5.0%
JAPAN NAPHTHA BALMO SWAP	E6	44	91	-51.6%	5	780.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	59	126	-53.2%	70	-15.7%
JET BARGES VS ICE GASOIL	JR	15	15	0.0%	15	0.0%
JET CIF NWE VS ICE	JC	371	447	-17.0%	461	-19.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	30	-100.0%
JET FUEL CARGOES CIF NEW	F3	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	30	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	4,275	2,447	74.7%	3,725	14.8%
JET UP-DOWN(ARGUS) SWAP	JU	0	0	-	0	-
LA CARB DIESEL (OPIS)	LX	221	71	211.3%	78	183.3%
LA CARB DIESEL (OPIS) SWA	KL	1,015	1,017	-0.2%	1,172	-13.4%
LA CARBOB GASOLINE(OPIS)S	JL	425	675	-37.0%	500	-15.0%
LA JET FUEL VS NYM NO 2 H	MQ	320	50	540.0%	180	77.8%
LA JET (OPIS) SWAP	JS	1,215	50	2,330.0%	1,075	13.0%
LLS (ARGUS) CALENDAR SWAP	XA	0	300	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	WJ	56,477	40,128	40.7%	55,763	1.3%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	21,022	19,669	6.9%	19,914	5.6%
MARS (ARGUS) VS WTI TRD M	YV	1,705	125	1,264.0%	860	98.3%
MCCLOSKEY ARA ARGS COAL	MTF	152,198	91,391	66.5%	144,715	5.2%
MCCLOSKEY RCH BAY COAL	MFF	41,839	40,481	3.4%	34,271	22.1%
MGF FUT	MGF	70	15	366.7%	60	16.7%
MGN1 SWAP FUT	MGN	508	327	55.4%	439	15.7%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	6,267	2,457	155.1%	4,276	46.6%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	HM	0	0	-	0	-
MICHIGAN MISO	HMO	153,560	136,984	12.1%	158,552	-3.1%
MICHIGAN MISO	HMW	10,857	10,003	8.5%	11,214	-3.2%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	20	522	-96.2%	197	-89.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	350	430	-18.6%	313	11.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	770	841	-8.4%	725	6.2%

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Commodity		Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>Energy Futures</b>						
MISO 5MW OFF PEAK	4R	0	0	-	0	-
MISO 5MW PEAK	4Q	0	0	-	0	-
MJB FUT	MJB	0	0	-	0	-
MJC FUT	MJC	220	451	-51.2%	200	10.0%
MNC FUT	MNC	5,796	6,946	-16.6%	5,565	4.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	23,853	12,840	85.8%	23,936	-0.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	250	175	42.9%	0	-
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	93,499	72,099	29.7%	82,216	13.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	480	775	-38.1%	575	-16.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,014	12,344	-27.0%	9,683	-6.9%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	127	210	-39.5%	190	-33.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	36,862	25,703	43.4%	35,416	4.1%
MONT BELVIEU NORMAL BUTANE BALMO	8J	550	272	102.2%	456	20.6%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-
NAT GAS BASIS SWAP	TZ6	4,078	3,003	35.8%	4,106	-0.7%
NATURAL GAS	XAC	0	44	-100.0%	0	-
NATURAL GAS	XSC	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	2,440	0	-	2,936	-16.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	5,848	0	-	6,152	-4.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	1,464	0	-	1,464	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	380	0	-	439	-13.4%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	451	0	-	512	-11.9%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	224	0	-	338	-33.7%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	60	0	-	72	-16.7%
NATURAL GAS INDEX	TZI	0	0	-	0	-
NATURAL GAS PEN SWP	NP	385,163	626,808	-38.6%	372,648	3.4%
NEPOOL CNCTCT 5MW D AH O	P3	7,066	4,696	50.5%	7,834	-9.8%
NEPOOL CONECTIC 5MW D AH	P2	382	382	0.0%	424	-9.9%
NEPOOL INTR HUB 5MW D AH	H2	338,102	304,907	10.9%	307,669	9.9%
NEPOOL INTR HUB 5MW D AH	U6	18,068	18,458	-2.1%	17,265	4.7%
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	4,740	30,506	-84.5%	6,276	-24.5%
NEPOOL NE MASS 5MW D AH P	P7	256	1,664	-84.6%	340	-24.7%
NEPOOL NEW HAMP 5MW D AH	U2	128	512	-75.0%	170	-24.7%
NEPOOL NEW HAMP 5MW D AH	U3	2,370	9,328	-74.6%	3,138	-24.5%
NEPOOL RHD ISLD 5MW D AH	U4	13,625	8,041	69.4%	12,335	10.5%
NEPOOL RHODE IL 5MW D AH	U5	180,283	132,813	35.7%	181,883	-0.9%
NEPOOL SE MASS 5MW D AH O	P5	1,185	4,664	-74.6%	1,569	-24.5%
NEPOOL SE MASS 5MW D AH P	P4	64	256	-75.0%	85	-24.7%
NEPOOL W CNT MASS 5MW D A	L9	28,208	36,503	-22.7%	35,888	-21.4%
NEPOOL W CNTR M 5MW D AH	R6	1,783	2,231	-20.1%	2,623	-32.0%
NEW ENGLAND HUB PEAK DAIL	CE	3,099	0	-	2,442	26.9%
NEW YORK 0.3% FUEL OIL HI	8N	0	0	-	0	-
NEW YORK ETHANOL SWAP	EZ	2,105	2,412	-12.7%	2,110	-0.2%
NEW YORK HUB ZONE G PEAK	GN	2,719	0	-	4,191	-35.1%
NEW YORK HUB ZONE J PEAK	JN	558	0	-	682	-18.2%
NGPL MID-CONTINENT	NL	39,845	18,970	110.0%	39,824	0.1%
NGPL MIDCONTINENT INDEX	IW	0	0	-	120	-100.0%
NGPL STX NAT GAS INDEX SW	N6	0	0	-	0	-
NGPL TEX/OK	PD	69,983	38,653	81.1%	73,599	-4.9%
NGPL TEXOK INDEX	OI	480	0	-	480	0.0%
NGPL TEXOK SWING SWAP	OX	0	0	-	0	-



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Commodity		Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>Energy Futures</b>						
N ILLINOIS HUB DAILY	UD	72	0	-	104	-30.8%
N ILLINOIS HUB MTHLY	UM	828	2,477	-66.6%	962	-13.9%
NO 2 UP-DOWN SPREAD CALEN	UT	578	975	-40.7%	478	20.9%
NORTHEN NATURAL GAS DEMAR	PE	3,006	3,315	-9.3%	3,134	-4.1%
NORTHEN NATURAL GAS VENTU	PF	3,538	2,671	32.5%	3,977	-11.0%
NORTHERN ILLINOIS OFF-PEA	UO	1,352	2,958	-54.3%	1,494	-9.5%
NORTHWEST ROCKIES BASIS S	NR	47,298	9,730	386.1%	47,817	-1.1%
N ROCKIES PIPE SWAP	XR	820	3,328	-75.4%	891	-8.0%
NY1% VS GC SPREAD SWAP	VR	6,963	4,986	39.7%	5,379	29.4%
NY 2.2% FUEL OIL (PLATTS	Y3	640	395	62.0%	410	56.1%
NY 3.0% FUEL OIL (PLATTS	H1	1,550	230	573.9%	1,250	24.0%
NY HARBOR 1% FUEL OIL BAL	VK	175	0	-	63	177.8%
NY HARBOR HEAT OIL SWP	MP	18,987	18,658	1.8%	20,000	-5.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,350	4,350	-69.0%	1,849	-27.0%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	-	0	-
NY HARBOR RESIDUAL FUEL 1	MM	6,058	6,687	-9.4%	5,780	4.8%
NY HARBOR RESIDUAL FUEL C	ML	0	150	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	HK	16,409	26,149	-37.2%	13,888	18.2%
NY H OIL PLATTS VS NYMEX	YH	41	722	-94.3%	41	0.0%
NYISO A	KA	6,482	11,037	-41.3%	6,902	-6.1%
NYISO A OFF-PEAK	KB	2,098	4,048	-48.2%	2,274	-7.7%
NYISO CAPACITY	NNC	1,588	708	124.3%	1,461	8.7%
NYISO CAPACITY	NRS	3,123	1,389	124.8%	2,782	12.3%
NYISO G	KG	1,551	4,620	-66.4%	1,845	-15.9%
NYISO G OFF-PEAK	KH	558	1,690	-67.0%	650	-14.2%
NYISO J	KJ	6,253	6,517	-4.1%	6,374	-1.9%
NYISO J OFF-PEAK	KK	1,074	1,152	-6.8%	1,194	-10.1%
NYISO ZONE A 5MW D AH O P	K4	333,944	601,330	-44.5%	356,801	-6.4%
NYISO ZONE A 5MW D AH PK	K3	18,623	39,988	-53.4%	20,083	-7.3%
NYISO ZONE C 5MW D AH O P	A3	25,890	39,958	-35.2%	26,658	-2.9%
NYISO ZONE C 5MW D AH PK	Q5	1,403	2,171	-35.4%	1,445	-2.9%
NYISO ZONE G 5MW D AH O P	D2	239,566	386,286	-38.0%	175,864	36.2%
NYISO ZONE G 5MW D AH PK	T3	21,500	27,360	-21.4%	19,346	11.1%
NYISO ZONE J 5MW D AH O P	D4	67,618	191,373	-64.7%	76,440	-11.5%
NYISO ZONE J 5MW D AH PK	D3	9,935	12,147	-18.2%	7,591	30.9%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	70	3,600	-98.1%	115	-39.1%
NYMEX ALUMINUM FUTURES	AN	2,373	0	-	2,629	-9.7%
NYMEX ULSD VS NYMEX HO	UY	1,089	669	62.8%	1,127	-3.4%
NY ULSD (ARGUS) VS HEATING OIL	7Y	4,864	14,921	-67.4%	7,536	-35.5%
ONEOK OKLAHOMA NG BASIS	8X	3,006	2,488	20.8%	3,075	-2.2%
ONTARIO POWER SWAPS	OFD	1,680	417	302.9%	1,344	25.0%
ONTARIO POWER SWAPS	OFM	172,049	267,718	-35.7%	177,537	-3.1%
ONTARIO POWER SWAPS	OPD	216	19	1,036.8%	294	-26.5%
ONTARIO POWER SWAPS	OPM	8,202	21,364	-61.6%	8,994	-8.8%
OPIS PHYSICAL NATURAL GASOLINE	3R	0	0	-	0	-
OPIS PHYSICAL NORMAL BUTANE	3M	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	52,794	21,950	140.5%	52,211	1.1%
PANHANDLE INDEX SWAP FUTU	IV	248	0	-	2,018	-87.7%
PANHANDLE PIPE SWAP	XH	0	0	-	155	-100.0%
PERMIAN BASIS SWAP	PM	9,035	2,350	284.5%	6,892	31.1%
PETROCHEMICALS	22	50	19	163.2%	71	-29.6%
PETROCHEMICALS	32	21	41	-48.8%	76	-72.4%



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Commodity	Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG	
<b>Energy Futures</b>						
PETROCHEMICALS	51	0	-	0	-	
PETROCHEMICALS	81	0	-	0	-	
PETROCHEMICALS	8I	2,655	1,320	101.1%	2,635	0.8%
PETROCHEMICALS	91	29	62	-53.2%	66	-56.1%
PETROCHEMICALS	HPE	69	128	-46.1%	93	-25.8%
PETROCHEMICALS	JKM	0	0	-	0	-
PETROCHEMICALS	LPE	60	72	-16.7%	64	-6.3%
PETROCHEMICALS	MAE	20	10	100.0%	40	-50.0%
PETROCHEMICALS	MAS	33	112	-70.5%	50	-34.0%
PETROCHEMICALS	MBE	3,451	3,346	3.1%	2,689	28.3%
PETROCHEMICALS	MNB	1,951	3,165	-38.4%	2,135	-8.6%
PETRO CRCKS & SPRDS ASIA	STI	612	0	-	450	36.0%
PETRO CRCKS & SPRDS ASIA	STR	75	280	-73.2%	100	-25.0%
PETRO CRCKS & SPRDS ASIA	STS	178	60	196.7%	178	0.0%
PETRO CRCKS & SPRDS NA	CBA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	1,436	378	279.9%	1,446	-0.7%
PETRO CRCKS & SPRDS NA	EXR	1,138	1,494	-23.8%	1,259	-9.6%
PETRO CRCKS & SPRDS NA	FOC	1,050	835	25.7%	925	13.5%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	4,028	3,020	33.4%	4,198	-4.0%
PETRO CRCKS & SPRDS NA	GCU	31,649	26,874	17.8%	30,328	4.4%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	14,472	5,943	143.5%	15,075	-4.0%
PETRO CRCKS & SPRDS NA	KSD	390	150	160.0%	390	0.0%
PETRO CRCKS & SPRDS NA	NFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	975	2,600	-62.5%	1,100	-11.4%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	18,468	18,175	1.6%	19,361	-4.6%
PETRO CRCKS & SPRDS NA	RVG	250	0	-	0	-
PETRO CRK&SPRD EURO	1NB	3,889	10,087	-61.4%	3,805	2.2%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	56	146	-61.6%	280	-80.0%
PETRO CRK&SPRD EURO	BFR	120	320	-62.5%	120	0.0%
PETRO CRK&SPRD EURO	BOB	4,580	2,123	115.7%	4,188	9.4%
PETRO CRK&SPRD EURO	EBF	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	86	27	218.5%	88	-2.3%
PETRO CRK&SPRD EURO	EPN	174	352	-50.6%	197	-11.7%
PETRO CRK&SPRD EURO	EVC	3,420	2,423	41.1%	3,632	-5.8%
PETRO CRK&SPRD EURO	FBT	100	0	-	80	25.0%
PETRO CRK&SPRD EURO	FVB	24	45	-46.7%	27	-11.1%
PETRO CRK&SPRD EURO	GCB	0	175	-100.0%	0	-
PETRO CRK&SPRD EURO	GOC	174	144	20.8%	229	-24.0%
PETRO CRK&SPRD EURO	GRB	0	0	-	0	-
PETRO CRK&SPRD EURO	GRS	0	0	-	0	-
PETRO CRK&SPRD EURO	LSU	0	84	-100.0%	0	-
PETRO CRK&SPRD EURO	MGB	209	48	335.4%	234	-10.7%
PETRO CRK&SPRD EURO	MUD	336	490	-31.4%	220	52.7%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	662	411	61.1%	533	24.2%
PETRO CRK&SPRD EURO	NYG	0	0	-	0	-
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETRO CRK&SPRD EURO	SFC	0	21	-100.0%	0	-



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Commodity	Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>Energy Futures</b>					
PETROLEUM PRODUCTS	D43	0	-	0	-
PETROLEUM PRODUCTS	D44	0	-100.0%	0	-
PETROLEUM PRODUCTS	D45	20	-	20	0.0%
PETROLEUM PRODUCTS	D53	0	-	0	-
PETROLEUM PRODUCTS	D62	0	-	0	-
PETROLEUM PRODUCTS	D63	0	-	0	-
PETROLEUM PRODUCTS	D64	0	-100.0%	0	-
PETROLEUM PRODUCTS	D65	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	-	0	-
PETROLEUM PRODUCTS	EWG	0	-	0	-
PETROLEUM PRODUCTS	RMG	0	-	0	-
PETROLEUM PRODUCTS	RMK	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	-100.0%	76	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	1,844	-32.2%	2,360	-21.9%
PETRO OUTFRIGHT EURO	0A	20	-	0	-
PETRO OUTFRIGHT EURO	0B	187	-80.0%	222	-15.8%
PETRO OUTFRIGHT EURO	0C	8	-60.0%	60	-86.7%
PETRO OUTFRIGHT EURO	0D	8,912	32.0%	8,976	-0.7%
PETRO OUTFRIGHT EURO	0E	256	-36.0%	460	-44.3%
PETRO OUTFRIGHT EURO	0F	1,457	-11.9%	1,376	5.9%
PETRO OUTFRIGHT EURO	1T	6	-73.9%	18	-66.7%
PETRO OUTFRIGHT EURO	33	322	-21.7%	396	-18.7%
PETRO OUTFRIGHT EURO	59	0	-	0	-
PETRO OUTFRIGHT EURO	5L	75	-44.4%	70	7.1%
PETRO OUTFRIGHT EURO	63	55	-42.1%	78	-29.5%
PETRO OUTFRIGHT EURO	6L	0	-	0	-
PETRO OUTFRIGHT EURO	7I	230	-76.5%	63	265.1%
PETRO OUTFRIGHT EURO	7P	0	-	0	-
PETRO OUTFRIGHT EURO	7R	42	-89.0%	183	-77.0%
PETRO OUTFRIGHT EURO	88	0	-100.0%	30	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	48	220.0%	30	60.0%
PETRO OUTFRIGHT EURO	EFF	0	-100.0%	0	-
PETRO OUTFRIGHT EURO	EFM	32	-79.7%	95	-66.3%
PETRO OUTFRIGHT EURO	ENS	141	-63.6%	72	95.8%
PETRO OUTFRIGHT EURO	EWN	406	114.8%	329	23.4%
PETRO OUTFRIGHT EURO	FBD	10	-	22	-54.5%
PETRO OUTFRIGHT EURO	MBB	50	-58.3%	40	25.0%
PETRO OUTFRIGHT EURO	MBN	3,416	7.5%	3,373	1.3%
PETRO OUTFRIGHT EURO	RBF	0	-	0	-
PETRO OUTFRIGHT EURO	SMU	0	-	50	-100.0%
PETRO OUTFRIGHT EURO	T0	288	-31.4%	312	-7.7%
PETRO OUTFRIGHT EURO	ULB	0	-	0	-
PETRO OUTFRIGHT EURO	V0	490	63.3%	490	0.0%
PETRO OUTFRIGHT EURO	W0	0	-	0	-
PETRO OUTFRIGHT EURO	X0	60	-	0	-
PETRO OUTFRIGHT EURO	Y0	0	-	0	-
PETRO OUTFRIGHT NA	5Y	0	-	0	-
PETRO OUTFRIGHT NA	DBB	0	-	0	-
PETRO OUTFRIGHT NA	FCB	64	-78.8%	224	-71.4%
PETRO OUTFRIGHT NA	FOB	0	-	0	-
PETRO OUTFRIGHT NA	FOM	15	-	0	-

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<b>Energy Futures</b>						
PETRO OUTRIGHT NA	GKS	0	0	-	0	-
PETRO OUTRIGHT NA	JE	140	0	-	215	-34.9%
PETRO OUTRIGHT NA	JET	3,025	0	-	3,990	-24.2%
PETRO OUTRIGHT NA	MBL	342	832	-58.9%	391	-12.5%
PETRO OUTRIGHT NA	MEN	363	610	-40.5%	511	-29.0%
PETRO OUTRIGHT NA	MEO	7,001	7,411	-5.5%	7,577	-7.6%
PETRO OUTRIGHT NA	MFD	335	133	151.9%	175	91.4%
PETRO OUTRIGHT NA	MMF	212	116	82.8%	281	-24.6%
PETRO OUTRIGHT NA	NYB	0	0	-	0	-
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	90	0	-	90	0.0%
PGE&E CITYGATE	PC	0	248	-100.0%	0	-
PJM AD HUB 5MW REAL TIME	V3	1,673,625	1,654,473	1.2%	1,554,620	7.7%
PJM AD HUB 5MW REAL TIME	Z9	70,113	69,268	1.2%	70,197	-0.1%
PJM AECO DA OFF-PEAK	X1	86,024	204,496	-57.9%	91,400	-5.9%
PJM AECO DA PEAK	Y1	4,675	11,132	-58.0%	4,969	-5.9%
PJM APS ZONE DA OFF-PEAK	W4	17,667	31,659	-44.2%	18,819	-6.1%
PJM APS ZONE DA PEAK	S4	957	1,725	-44.5%	1,020	-6.2%
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	17,176	40,608	-57.7%	17,560	-2.2%
PJM BGE DA PEAK	E3	999	3,306	-69.8%	1,041	-4.0%
PJM COMED 5MW D AH O PK	D9	103,285	91,118	13.4%	109,429	-5.6%
PJM COMED 5MW D AH PK	D8	8,174	4,987	63.9%	5,930	37.8%
PJM DAILY	JD	420	0	-	396	6.1%
PJM DAYTON DA OFF-PEAK	R7	138,648	344,055	-59.7%	160,302	-13.5%
PJM DAYTON DA PEAK	D7	12,741	20,275	-37.2%	13,691	-6.9%
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	64	-100.0%	0	-
PJM DUQUS 5MW D AH O PK	D6	0	1,185	-100.0%	0	-
PJM EASTERNH DA PEAK	E9	0	0	-	0	-
PJM JCPL DA OFF-PEAK	F2	78,160	130,725	-40.2%	85,840	-8.9%
PJM JCPL DA PEAK	J2	4,250	7,975	-46.7%	4,670	-9.0%
PJM NI HUB 5MW REAL TIME	B3	36,653	40,175	-8.8%	36,185	1.3%
PJM NI HUB 5MW REAL TIME	B6	1,372,336	749,995	83.0%	1,238,107	10.8%
PJM NILL DA OFF-PEAK	L3	399,141	270,115	47.8%	398,492	0.2%
PJM NILL DA PEAK	N3	19,600	14,003	40.0%	15,057	30.2%
PJM OFF-PEAK LMP SWAP FUT	JP	5,202	8,966	-42.0%	5,532	-6.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	128	512	-75.0%	380	-66.3%
PJM PEPCO DA OFF-PEAK	Q8	0	0	-	0	-
PJM PEPCO DA PEAK	R8	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	71,817	52,641	36.4%	37,641	90.8%
PJM PPL DA PEAK	L5	4,147	4,160	-0.3%	2,380	74.2%
PJM PSEG DA OFF-PEAK	W6	1,960	40,333	-95.1%	0	-
PJM PSEG DA PEAK	L6	110	2,179	-95.0%	0	-
PJM WES HUB PEAK LMP 50 M	4S	64	279	-77.1%	85	-24.7%
PJM WESTH DA OFF-PEAK	E4	1,311,776	1,485,540	-11.7%	1,289,026	1.8%
PJM WESTHDA PEAK	J4	70,809	87,158	-18.8%	69,499	1.9%
PJM WESTH RT OFF-PEAK	N9	3,150,787	3,139,776	0.4%	3,101,655	1.6%
PJM WESTH RT PEAK	L1	158,986	156,144	1.8%	155,332	2.4%
PLASTICS	PGP	2,643	1,297	103.8%	2,880	-8.2%
PLASTICS	PPP	0	0	-	0	-

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<b>Energy Futures</b>						
POLYETHYLENE FUTURES	P6	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	3G	365	810	-54.9%	543	-32.8%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	-	0	-
PREMIUM UNLEAD 10PPM FOB	8G	40	237	-83.1%	97	-58.8%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	5	-100.0%	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	74	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	139	200	-30.5%	100	39.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	24,910	5,243	375.1%	24,201	2.9%
RBOB CALENDAR SWAP	RL	13,800	18,422	-25.1%	14,207	-2.9%
RBOB CRACK SPREAD	RM	3,037	5,476	-44.5%	3,282	-7.5%
RBOB CRACK SPREAD BALMO S	1E	30	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	82	1,094	-92.5%	441	-81.4%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB PHY	RBP	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	109	81	34.6%	114	-4.4%
RBOB UP-DOWN CALENDAR SWA	RV	18,235	15,128	20.5%	20,205	-9.8%
RBOB VS HEATING OIL SWAP	RH	2,325	875	165.7%	2,475	-6.1%
ROCKIES KERN OPAL - NW IN	IR	1,880	0	-	0	-
SAN JUAN BASIS SWAP	NJ	11,214	1,149	876.0%	10,837	3.5%
SAN JUAN PIPE SWAP	XX	0	336	-100.0%	0	-
SINGAPORE 180CST BALMO	BS	22	51	-56.9%	20	10.0%
SINGAPORE 380CST BALMO	BT	22	45	-51.1%	25	-12.0%
SINGAPORE 380CST FUEL OIL	SE	6,760	4,197	61.1%	7,440	-9.1%
SINGAPORE FUEL 180CST CAL	UA	1,995	4,572	-56.4%	2,176	-8.3%
SINGAPORE FUEL OIL SPREAD	SD	1,085	929	16.8%	952	14.0%
SINGAPORE GASOIL	MTB	35	156	-77.6%	250	-86.0%
SINGAPORE GASOIL	MTS	4,276	4,125	3.7%	4,597	-7.0%
SINGAPORE GASOIL	STF	0	0	-	0	-
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	150	600	-75.0%	200	-25.0%
SINGAPORE GASOIL BALMO	VU	250	225	11.1%	50	400.0%
SINGAPORE GASOIL CALENDAR	MSG	440	372	18.3%	337	30.6%
SINGAPORE GASOIL SWAP	SG	4,675	5,667	-17.5%	3,470	34.7%
SINGAPORE GASOIL VS ICE	GA	4,320	9,094	-52.5%	3,725	16.0%
SINGAPORE JET KERO BALMO	BX	225	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	1,345	4,775	-71.8%	1,170	15.0%
SINGAPORE JET KEROSENE SW	KS	3,420	5,371	-36.3%	3,685	-7.2%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	425	250	70.0%	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	8,296	26,955	-69.2%	9,396	-11.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	50	175	-71.4%	50	0.0%
SING FUEL	MSD	0	0	-	0	-
SOCAL BASIS SWAP	NS	48	3,136	-98.5%	448	-89.3%
SOCAL PIPE SWAP	XN	244	1,704	-85.7%	368	-33.7%
SONAT BASIS SWAP FUTURE	SZ	8,076	3,358	140.5%	9,006	-10.3%
SOUTHERN NAT LA NAT GAS	M8	620	0	-	1,220	-49.2%
SOUTH STAR TEX OKLHM KNS	8Z	2,680	1,167	129.6%	2,064	29.8%
Sumas Basis Swap	NK	11,805	5,538	113.2%	11,591	1.8%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	1,980	0	-	2,383	-16.9%
TC2 ROTTERDAM TO USAC 37K	TM	0	30	-100.0%	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	15	-100.0%	0	-
TCO BASIS SWAP	TC	52,951	79,037	-33.0%	56,556	-6.4%

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<b>Energy Futures</b>						
TCO NG INDEX SWAP	Q1	3,664	3,656	0.2%	3,904	-6.1%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-
TD5 WEST AFRICA TO USAC 1	TI	0	0	-	0	-
TENN 800 LEG NAT GAS INDE	L4	2,094	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	2,438	1,956	24.6%	2,686	-9.2%
TENNESSEE 500 LEG NG INDE	Y7	0	248	-100.0%	0	-
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-
TENNESSEE 800 LEG NG BASI	6Z	2,196	2,568	-14.5%	2,630	-16.5%
TENNESSEE ZONE 0 BASIS SW	NQ	604	0	-	0	-
Tetco ELA Basis	TE	0	0	-	496	-100.0%
TETCO M-3 INDEX	IX	6,784	7,194	-5.7%	6,784	0.0%
Tetco STX Basis	TX	3,050	8	38,025.0%	3,267	-6.6%
TEXAS EASTERN ZONE M-3 BA	NX	14,173	22,549	-37.1%	13,615	4.1%
TEXAS EAST W LOUISANA NG	8B	0	0	-	0	-
TEXAS GAS ZONE1 NG BASIS	9F	16,388	3,150	420.3%	16,760	-2.2%
TEXAS GAS ZONE SL BASIS S	TB	0	0	-	0	-
TRANSCO ZONE 1 NAT GAS IN	C4	0	0	-	0	-
TRANSCO ZONE 1 NG BASIS	8E	0	0	-	62	-100.0%
Transco Zone 3 Basis	CZ	11,406	11,028	3.4%	10,679	6.8%
TRANSCO ZONE4 BASIS SWAP	TR	42,705	12,074	253.7%	44,289	-3.6%
TRANSCO ZONE 4 NAT GAS IN	B2	62	0	-	62	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	4,776	2,496	91.3%	4,628	3.2%
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	62	-100.0%
UCM FUT	UCM	270	315	-14.3%	290	-6.9%
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	115	174	-33.9%	130	-11.5%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	20	-100.0%	0	-
ULSD UP-DOWN(ARGUS) SWAP	US	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	3,625	1,720	110.8%	1,305	177.8%
UP DOWN GC ULSD VS NMX HO	LT	55,614	51,562	7.9%	58,194	-4.4%
USGC UNL 87 CRACK SPREAD	RU	650	410	58.5%	850	-23.5%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	22	0	-	33	-33.3%
WAHA BASIS	NW	17,251	9,323	85.0%	16,123	7.0%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	3,580	5,975	-40.1%	3,395	5.4%
WTI-BRENT BULLET SWAP	BY	5	975	-99.5%	10	-50.0%
WTI-BRENT CALENDAR SWAP	BK	111,983	132,964	-15.8%	121,793	-8.1%
WTI CALENDAR	CS	137,160	152,980	-10.3%	138,183	-0.7%
WTS (ARGUS) VS WTI SWAP	FF	40,528	20,565	97.1%	42,636	-4.9%
WTS (ARGUS) VS WTI TRD MT	FH	5,522	3,785	45.9%	7,044	-21.6%
<b>Energy Options</b>						
1 MO GASOIL CAL SWAP SPR	GXA	100	0	-	0	-
APPALACHIAN COAL	6K	0	25	-100.0%	0	-
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	150,820	272,113	-44.6%	174,000	-13.3%
BRENT OIL LAST DAY	BE	14,984	24,779	-39.5%	14,797	1.3%
BRENT OIL LAST DAY	OS	45,569	117,416	-61.2%	45,484	0.2%
CINERGY HUB PEAK MONTH	OY	0	0	-	0	-
COAL API2 INDEX	CLA	30,618	2,660	1,051.1%	28,343	8.0%



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<b>Energy Options</b>						
COAL API2 INDEX	CQA	36,620	2,160	1,595.4%	28,320	29.3%
COAL API2 INDEX	MTC	0	0	-	0	-
COAL API4 INDEX	RLA	1,490	865	72.3%	1,465	1.7%
COAL API4 INDEX	RQA	500	55	809.1%	475	5.3%
COAL SWAP	CPF	350	315	11.1%	285	22.8%
COAL SWAP	RPF	2,265	1,550	46.1%	2,265	0.0%
CRUDE OIL 1MO	WA	270,414	196,194	37.8%	334,764	-19.2%
CRUDE OIL APO	AO	432,115	523,153	-17.4%	450,307	-4.0%
CRUDE OIL CALNDR STRIP	6F	110	110	0.0%	110	0.0%
CRUDE OIL OUTRIGHTS	AH	600	600	0.0%	600	0.0%
CRUDE OIL OUTRIGHTS	DBP	4,905	4,860	0.9%	5,050	-2.9%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	107,514	120,518	-10.8%	117,139	-8.2%
CRUDE OIL PHY	LO	3,383,462	2,776,724	21.9%	3,342,574	1.2%
CRUDE OIL PHY	LO1	818	1,080	-24.3%	422	93.8%
CRUDE OIL PHY	LO2	2	47	-95.7%	23	-91.3%
CRUDE OIL PHY	LO3	0	14	-100.0%	7	-100.0%
CRUDE OIL PHY	LO4	0	0	-	0	-
CRUDE OIL PHY	LO5	0	0	0.0%	0	-
DAILY CRUDE OIL	DNM	0	0	0.0%	0	-
ELEC FINSETTLED	PJD	0	0	-	0	-
ELEC FINSETTLED	PJH	0	0	-	0	-
ELEC FINSETTLED	PML	90	795	-88.7%	128	-29.7%
ELEC MISO PEAK	OEM	0	120	-100.0%	0	-
ELECTRICITY OFF PEAK	N9P	0	4,560	-100.0%	0	-
ETHANOL SWAP	CVR	14,791	19,327	-23.5%	13,059	13.3%
ETHANOL SWAP	GVR	7,914	14,175	-44.2%	8,479	-6.7%
EURO-DENOMINATED PETRO PROD	EFB	0	120	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NWE	15	20	-25.0%	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	0	20	-100.0%	0	-
GASOIL CRACK SPREAD AVG PRICE OPTIONS	3U	0	2,322	-100.0%	0	-
GASOLINE	GCE	125	624	-80.0%	125	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	974	2,760	-64.7%	1,276	-23.7%
HEATING OIL PHY	OH	71,471	104,553	-31.6%	66,302	7.8%
HENRY HUB FINANCIAL LAST	E7	7,594	23,851	-68.2%	8,965	-15.3%
HO 1 MONTH CLNDR OPTIONS	FA	600	2,980	-79.9%	600	0.0%
HUSTN SHIP CHNL PIPE SWP	PK	1,080	0	-	1,440	-25.0%
IN DELIVERY MONTH EUA OPTIONS	6U	0	0	-	0	-
ISO NEW ENGLAND PK LMP	OE	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTO	3,600	11,250	-68.0%	3,600	0.0%
MCCLOSKEY RCH BAY COAL	MFO	1,590	1,610	-1.2%	1,590	0.0%
NATURAL GAS 12 M CSO FIN	G7	1,200	0	-	500	140.0%
NATURAL GAS 1 M CSO FIN	G4	15,275	82,227	-81.4%	9,475	61.2%
NATURAL GAS 1MO	IA	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	G2	2,000	0	-	1,000	100.0%
NATURAL GAS 3 M CSO FIN	G3	2,500	1,300	92.3%	2,000	25.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	2,000	2,450	-18.4%	1,000	100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	13,487	19,531	-30.9%	13,407	0.6%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,896,380	3,929,466	-26.3%	2,747,997	5.4%
NATURAL GAS PHY	ON	175,592	136,412	28.7%	106,812	64.4%

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<b>Energy Options</b>					
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS PHY	0	0	-	0	-
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-
N ILLINOIS HUB MTHLY	0	0	-	0	-
N ROCKIES PIPE SWAP	9,337	17,463	-46.5%	9,337	0.0%
NY HARBOR HEAT OIL SWP	80,159	104,728	-23.5%	89,045	-10.0%
NYISO ZONE G 5MW PEAK OPTIONS	440	0	-	0	-
NYMEX EUROPEAN GASOIL APO	1,354	94	1,340.4%	1,425	-5.0%
NYMEX EUROPEAN GASOIL OPT	120	0	-	140	-14.3%
PANHANDLE PIPE SWAP	0	0	-	0	-
PETROCHEMICALS	8,537	16,912	-49.5%	10,441	-18.2%
PETROCHEMICALS	0	225	-100.0%	0	-
PETROCHEMICALS	1,170	8,385	-86.0%	1,855	-36.9%
PETROCHEMICALS	0	150	-100.0%	0	-
PETROCHEMICALS	0	100	-100.0%	0	-
PETRO OUTRIGHT EURO	165	213	-22.5%	210	-21.4%
PETRO OUTRIGHT NA	0	0	-	0	-
PGE CITYGATE PIPE SWAP	1,200	8,000	-85.0%	1,800	-33.3%
PJM CALENDAR STRIP	1,400	6,335	-77.9%	1,300	7.7%
PJM ELECTRIC	6	6	0.0%	6	0.0%
PJM MONTHLY	22	404	-94.6%	34	-35.3%
PJM WES HUB PEAK CAL MTH	200	0	-	200	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-
RBOB 6 MONTH CALENDAR SPR	0	0	-	0	-
RBOB CALENDAR SWAP	8,469	8,152	3.9%	11,882	-28.7%
RBOB CRACK SPREAD AVG PRICE OPTIONS	0	0	-	0	-
RBOB PHY	23,820	27,222	-12.5%	24,988	-4.7%
RBOB PHY	0	1,335	-100.0%	0	-
ROTTERDAM 3.5%FUEL OIL CL	690	2,344	-70.6%	870	-20.7%
SAN JUAN PIPE SWAP	4,732	4,860	-2.6%	4,732	0.0%
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM CRUDE OIL	0	0	-	0	-
SHORT TERM CRUDE OIL	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	725	-100.0%
SHORT TERM NATURAL GAS	2,225	0	-	0	-
SHORT TERM NATURAL GAS	0	250	-100.0%	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-

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<b>Energy Options</b>						
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 FUEL OIL 180 CS	C5	0	60	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	M2	300	75	300.0%	0	-
SINGAPORE JET FUEL CALEND	N2	1,500	2,190	-31.5%	1,200	25.0%
SOCAL PIPE SWAP	ZN	1,840	20,960	-91.2%	3,688	-50.1%
WTI 12 MONTH CALENDAR OPT	WZ	2,000	23,584	-91.5%	2,000	0.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	100	-100.0%	0	-
WTI-BRENT BULLET SWAP	BV	32,145	83,859	-61.7%	41,635	-22.8%
WTI CRUDE OIL 12 M CSO F	7Z	0	1,000	-100.0%	0	-
WTI CRUDE OIL 1 M CSO FI	7A	401,927	131,671	205.3%	396,329	1.4%
<b>Metals Futures</b>						
COMEX GOLD	GC	454,571	421,970	7.7%	420,038	8.2%
NYMEX HOT ROLLED STEEL	HR	22,864	15,708	45.6%	23,420	-2.4%
NYMEX PLATINUM	PL	70,099	60,741	15.4%	75,660	-7.3%
PALLADIUM	PA	26,017	33,770	-23.0%	26,786	-2.9%
URANIUM	UX	4,577	6,004	-23.8%	4,654	-1.7%
COMEX SILVER	SI	169,495	179,095	-5.4%	158,046	7.2%
COMEX MINY GOLD	QO	1,142	1,007	13.4%	1,148	-0.5%
E-MINI SILVER	6Q	0	0	-	0	-
COMEX MINY SILVER	QI	101	273	-63.0%	92	9.8%
COMEX COPPER	HG	166,310	163,394	1.8%	153,905	8.1%
COMEX MINY COPPER	QC	139	115	20.9%	144	-3.5%
Aluminium MW Trans Prem Platts	AUP	20,061	1,969	918.8%	19,143	4.8%
ALUMINUM	AEP	1,244	0	-	10	12,340.0%
ALUMINUM	ALI	166	238	-30.3%	137	21.2%
COPPER	HGS	6,043	3,508	72.3%	5,495	10.0%
E-MICRO GOLD	MGC	2,237	2,383	-6.1%	2,319	-3.5%
FERROUS PRODUCTS	BUS	154	0	-	231	-33.3%
FERROUS PRODUCTS	SSF	0	0	-	0	-
GOLD	GCK	81	0	-	28	189.3%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	330	120	175.0%	400	-17.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	19,282	5,714	237.5%	18,872	2.2%
LNDN ZINC	ZNC	66	0	-	250	-73.6%
SILVER	SIL	1,984	1,121	77.0%	1,968	0.8%
<b>Metals Options</b>						
COMEX COPPER	HX	2,800	3,151	-11.1%	2,963	-5.5%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>Metals Options</b>					
COMEX GOLD	1,419,391	1,672,665	-15.1%	1,328,971	6.8%
COMEX SILVER	150,301	266,262	-43.6%	146,191	2.8%
COPPER	0	0	-	0	-
GOLD	406	567	-28.4%	155	161.9%
GOLD	50	0	-	106	-52.8%
GOLD	0	123	-100.0%	0	-
GOLD	0	0	-	0	-
GOLD	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	9,798	2,457	298.8%	11,354	-13.7%
IRON ORE 62 CHINA TSI PUT OPTION	23,910	1,335	1,691.0%	24,690	-3.2%
NYMEX PLATINUM	5,302	16,379	-67.6%	3,815	39.0%
PALLADIUM	5,568	16,197	-65.6%	5,212	6.8%
SHORT TERM	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SILVER	0	47	-100.0%	0	-
SILVER	0	8	-100.0%	0	-
SILVER	0	0	-	0	-
SILVER	0	0	-	0	-
SILVER	0	0	0.0%	0	-
<b>TOTAL FUTURES GROUP</b>					
Commodities and Alternative Investments Futures	80	99	-19.2%	94	-14.9%
Energy Futures	20,477,850	20,529,885	-0.3%	19,838,673	3.2%
Metals Futures	966,963	897,130	7.8%	912,746	5.9%
<b>TOTAL FUTURES</b>	<b>21,444,893</b>	<b>21,427,114</b>	<b>0.1%</b>	<b>20,751,513</b>	<b>3.3%</b>



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2015	Open Interest OCT 2014	% CHG	Open Interest SEP 2015	% CHG
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	8,285,292	8,876,388	-6.7%	8,138,027	1.8%
Metals Options	1,617,526	1,979,191	-18.3%	1,523,457	6.2%
<b>TOTAL OPTIONS</b>	<b>9,902,818</b>	<b>10,855,579</b>	<b>-8.8%</b>	<b>9,661,484</b>	<b>2.5%</b>
<b>TOTAL COMBINED</b>					
Commodities and Alternative Investments	80	99	-19.2%	94	-14.9%
Energy	28,763,142	29,406,273	-2.2%	27,976,700	2.8%
Metals	2,584,489	2,876,321	-10.1%	2,436,203	6.1%
<b>GRAND TOTAL</b>	<b>31,347,711</b>	<b>32,282,693</b>	<b>-2.9%</b>	<b>30,412,997</b>	<b>3.1%</b>