



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
Commodities and Alternative Investments Futures					
COCOA TAS	16	1	1,500.0%	8	100.0%
COFFEE	0	2	-100.0%	23	-100.0%
COTTON	17	4	325.0%	39	-56.4%
SUGAR 11	23	2	1,050.0%	29	-20.7%
Energy Futures					
CRUDE OIL PHY	1,446,183	1,634,684	-11.5%	1,494,163	-3.2%
CRUDE OIL	15,473	30,266	-48.9%	23,147	-33.2%
MINY WTI CRUDE OIL	8,400	5,998	40.0%	5,164	62.7%
BRENT OIL LAST DAY	145,354	52,421	177.3%	147,733	-1.6%
HEATING OIL PHY	369,006	286,127	29.0%	396,913	-7.0%
HTG OIL	104	91	14.3%	180	-42.2%
MINY HTG OIL	2	2	0.0%	0	0.0%
RBOB PHY	313,035	224,291	39.6%	317,066	-1.3%
MINY RBOB GAS	0	0	-	2	-100.0%
NATURAL GAS	72,882	36,259	101.0%	71,044	2.6%
LTD NAT GAS	414,486	390,062	6.3%	407,207	1.8%
MINY NATURAL GAS	2,316	2,280	1.6%	2,005	15.5%
PJM MONTHLY	15,731	37,685	-58.3%	17,325	-9.2%
NATURAL GAS PHY	953,438	1,261,809	-24.4%	901,524	5.8%
RBOB GAS	308	525	-41.3%	425	-27.5%
3.5% FUEL OIL CID MED SWA	321	7	4,485.7%	389	-17.5%
3.5% FUEL OIL CIF BALMO S	10	2	400.0%	1	900.0%
AEP-DAYTON HUB DAILY	0	0	-	0	-
AEP-DAYTON HUB MTHLY	3,934	8,109	-51.5%	4,277	-8.0%
AEP-DAYTON HUB OFF-PEAK M	4,284	7,224	-40.7%	4,550	-5.8%
ALGON CITY GATES NAT GAS	0	0	-	372	-100.0%
ALGONQUIN CITYGATES BASIS	584	2,889	-79.8%	711	-17.9%
ANR LA NAT GAS INDEX SWAP	0	0	-	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
ANR OKLAHOMA	13,808	14,602	-5.4%	15,368	-10.2%
APPALACHIAN COAL (PHY)	897	5,745	-84.4%	952	-5.8%
ARGUS BIODIESEL RME FOB R	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	6,038	9,023	-33.1%	5,493	9.9%
ARGUS PROPAN FAR EST INDE	542	409	32.5%	518	4.6%
ARGUS PROPAN(SAUDI ARAMCO	920	617	49.1%	825	11.5%
BRENT BALMO SWAP	92	362	-74.6%	185	-50.3%
BRENT CALENDAR SWAP	36,350	46,500	-21.8%	34,648	4.9%
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-
BRENT CFD SWAP	0	0	-	81	-100.0%
BRENT FINANCIAL FUTURES	14,236	18,858	-24.5%	15,737	-9.5%
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%
CANADIAN LIGHT SWEET OIL	360	0	-	615	-41.5%
CARBON CER EURO	0	0	-	0	-
CARBON EUA EMISSIONS EURO	0	0	-	0	-
CENTERPOINT BASIS SWAP	7,345	841	773.4%	3,355	118.9%
CENTERPOINT EAST INDEX	248	0	-	0	-
CHICAGO BASIS SWAP	0	124	-100.0%	0	-
CHICAGO ETHANOL SWAP	36,519	36,193	0.9%	38,863	-6.0%

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Energy Futures					
CHICAGO SWING FUTURE	0	0	-	0	-
CHICAGO ULSD (PLATTS) SWA	81	0	-	83	-2.4%
CHICAGO ULSD PL VS HO SPR	1,423	2,059	-30.9%	1,742	-18.3%
CHICAGO UNL GAS PL VS RBO	42	50	-16.0%	48	-12.5%
CIG BASIS	9,380	7,867	19.2%	8,964	4.6%
CINERGY HUB OFF-PEAK MONT	1,402	2,932	-52.2%	1,514	-7.4%
CINERGY HUB PEAK DAILY FU	0	0	-	0	-
CINERGY HUB PEAK MONTH	1,708	3,842	-55.5%	1,880	-9.1%
CIN HUB 5MW D AH O PK	266,248	233,592	14.0%	270,384	-1.5%
CIN HUB 5MW D AH PK	18,075	14,783	22.3%	18,489	-2.2%
CIN HUB 5MW REAL TIME O P	381,240	454,880	-16.2%	393,272	-3.1%
CIN HUB 5MW REAL TIME PK	21,234	39,098	-45.7%	22,729	-6.6%
COAL SWAP	555	60	825.0%	665	-16.5%
COAL SWAP	0	0	-	0	-
COAL SWAP	2,169	1,590	36.4%	2,654	-18.3%
COLUMB GULF MAINLINE NG B	35,551	8,923	298.4%	32,467	9.5%
COLUMBIA GULF MAIN NAT G	992	0	-	0	-
COLUMBIA GULF ONSHORE	27,403	15,695	74.6%	27,403	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	345	166	107.8%	128	169.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	706	399	76.9%	838	-15.8%
CONWAY PROPANE 5 DECIMALS SWAP	10,881	2,441	345.8%	10,122	7.5%
CRUDE OIL LAST DAY	0	0	-	0	-
CRUDE OIL OUTRIGHTS	999	177	464.4%	554	80.3%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	14,552	17,775	-18.1%	17,353	-16.1%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL PHY	0	0	-	0	-
CRUDE OIL SPRDS	0	0	-	0	-
CRUDE OIL SPRDS	0	0	-	0	-
CRUDE OIL SPRDS	0	0	-	0	-
CRUDE OIL SPRDS	0	0	-	0	-
CRUDE OIL SPRDS	0	20	-100.0%	0	-
CRUDE OIL SPRDS	0	0	-	0	-
CRUDE OIL SPRDS	360	0	-	0	-
CRUDE OIL TRADE AT MARKER SINGAPORE	0	0	0.0%	0	0.0%
DAILY EUA	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DAILY PJM	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	0	0	-	0	-
DATED TO FRONTLINE BRENT	4,243	11,152	-62.0%	4,091	3.7%
DEMARC INDEX FUTURE	682	0	-	0	-
DIESEL 10P BRG FOB RDM VS	5	0	-	5	0.0%
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
DIESEL10PPM BARG VS ICE LS	6	0	-	6	0.0%
DLY GAS EURO-BOB OXY	0	0	-	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-

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Energy Futures						
DOMINION TRANSMISSION INC	PG	16,830	19,455	-13.5%	17,081	-1.5%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	5,436	4,685	16.0%	3,952	37.6%
EASTERN RAIL DELIVERY CSX	QX	5,463	11,258	-51.5%	4,395	24.3%
EAST/WEST FUEL OIL SPREAD	EW	1,832	3,367	-45.6%	1,814	1.0%
EIA FLAT TAX ONHWAY DIESE	A5	5,684	4,673	21.6%	6,258	-9.2%
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-
ELEC ERCOT DLY PEAK	I9	0	123	-100.0%	0	-
ELEC ERCOT DLY PEAK	N1	7,332	15,950	-54.0%	8,320	-11.9%
ELEC ERCOT OFF PEAK	ERU	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC ERCOT OFF PEAK	O1	151,565	396,381	-61.8%	174,893	-13.3%
ELEC FINSETTLED	47	1,716	2,943	-41.7%	1,946	-11.8%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	1,767	5,528	-68.0%	2,043	-13.5%
ELEC MISO PEAK	55	553	767	-27.9%	576	-4.0%
ELEC NYISO OFF-PEAK	4M	31,610	90,874	-65.2%	35,370	-10.6%
ELEC NYISO OFF-PEAK	58	10,137	14,008	-27.6%	10,513	-3.6%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	32,184	54,360	-40.8%	35,944	-10.5%
ELECTRICITY OFF PEAK	4P	9,328	31,284	-70.2%	9,328	0.0%
ELECTRICITY OFF PEAK	50	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
EMC FUTURE	EMC	0	50	-100.0%	0	-
EMMISSIONS	CPL	250	655	-61.8%	250	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	115,790	302,283	-61.7%	129,030	-10.3%
ERCOT NORTH ZMCPE 5MW PEAK	I5	10,529	18,500	-43.1%	11,170	-5.7%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,328	2,836	-17.9%	2,219	4.9%
EU LOW SULPHUR GASOIL CRACK	LSC	4,620	0	-	4,419	4.5%
EURO 1% FUEL OIL NEW BALM	KX	10	40	-75.0%	15	-33.3%
EURO 3.5% FUEL OIL M CRK	FL	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	274	378	-27.5%	568	-51.8%
EURO 3.5% FUEL OIL SPREAD	FK	1,611	946	70.3%	1,093	47.4%
EURO-DENOMINATED PETRO PROD	IBE	44	204	-78.4%	66	-33.3%
EURO-DENOMINATED PETRO PROD	MFE	0	0	-	0	-
EURO-DENOMINATED PETRO PROD	MFT	0	20	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	0	144	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	496	1,646	-69.9%	796	-37.7%
EUROPE 1% FUEL OIL NWE CA	UF	672	1,060	-36.6%	406	65.5%
EUROPE 1% FUEL OIL RDAM C	UH	81	332	-75.6%	119	-31.9%
EUROPE 3.5% FUEL OIL MED	UI	311	27	1,051.9%	403	-22.8%
EUROPE 3.5% FUEL OIL RDAM	UV	12,260	10,112	21.2%	11,950	2.6%
EUROPEAN GASOIL (ICE)	7F	291	511	-43.1%	250	16.4%
EUROPEAN NAPHTHA BALMO	KZ	174	115	51.3%	199	-12.6%
EUROPEAN NAPHTHA CRACK SPR	EN	15,994	12,613	26.8%	18,682	-14.4%
EUROPE DATED BRENT SWAP	UB	4,712	5,271	-10.6%	3,873	21.7%
EUROPE JET KERO NWE CALSW	UJ	44	113	-61.1%	61	-27.9%
EUROPE JET KERO RDAM CALS	UR	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	2,043	2,300	-11.2%	2,204	-7.3%
EURO PROPANE CIF ARA SWA	PS	816	956	-14.6%	813	0.4%
FAME 0 BIODIESEL FOB RTDM SWP	2L	0	0	-	0	-

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Energy Futures						
FLORIDA GAS ZONE3 BASIS S	FP	2,011	1,548	29.9%	2,161	-6.9%
FREIGHT MARKETS	FC6	0	0	-	0	-
FREIGHT MARKETS	FRC	0	0	-	0	-
FREIGHT MARKETS	PFU	0	0	-	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	18,265	32,646	-44.1%	19,411	-5.9%
FUEL OIL NWE CRACK VS ICE	FI	1,070	6,094	-82.4%	1,374	-22.1%
FUEL OIL (PLATS) CAR CM	1W	190	99	91.9%	15	1,166.7%
FUEL OIL (PLATS) CAR CN	1X	23	22	4.5%	26	-11.5%
FUELOIL SWAP:CARGOES VS.B	FS	2,470	4,068	-39.3%	2,602	-5.1%
GAS EURO-BOB OXY NWE BARGES	7H	4,797	5,055	-5.1%	4,520	6.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	33,963	30,243	12.3%	33,488	1.4%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CARGOES CIF NE	TW	25	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	25	249	-90.0%	33	-24.2%
GASOIL 0.1 CIF NW BALMO S	B7	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	23	0	-	32	-28.1%
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	168	1,775	-90.5%	162	3.7%
GASOIL 0.1 ROTTERDAM BARG	VL	25	22	13.6%	0	-
GASOIL 10P CRG CIF NW VS	3V	5	15	-66.7%	15	-66.7%
GASOIL 10PPM CARGOES CIF	TY	0	2	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	TP	182	834	-78.2%	230	-20.9%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	147	1,109	-86.7%	196	-25.0%
GASOIL CRACK SPREAD CALEN	GZ	3,806	29,052	-86.9%	5,379	-29.2%
GASOIL MINI CALENDAR SWAP	QA	1,471	599	145.6%	1,774	-17.1%
GASOLINE UP-DOWN (ARGUS)	UZ	0	6	-100.0%	0	-
GASOLINE UP-DOWN BALMO SW	1K	545	430	26.7%	60	808.3%
GC JET (ARGUS) CAL SWAP	AF	0	0	-	0	-
GC ULSD VS GC JET SPREAD	VV	50	300	-83.3%	75	-33.3%
GROUP THREE ULSD (PLATTS)	A7	358	1,195	-70.0%	322	11.2%
GRP THREE ULSD(PLT)VS HEA	A6	13,276	12,476	6.4%	13,321	-0.3%
GRP THREE UNL GS (PLT) VS	A8	3,385	16	21,056.3%	4,925	-31.3%
GULF COAST 3% FUEL OIL BA	VZ	1,865	1,894	-1.5%	2,084	-10.5%
GULF COAST GASOLINE CLNDR	GS	1,293	170	660.6%	1,263	2.4%
GULF COAST HEATING OIL CL	GP	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	2,040	4,079	-50.0%	2,220	-8.1%
GULF COAST JET VS NYM 2 H	ME	42,735	50,522	-15.4%	44,303	-3.5%
GULF COAST NO.6 FUEL OIL	MF	38,292	48,148	-20.5%	37,953	0.9%
GULF COAST NO.6 FUEL OIL	MG	10,885	6,531	66.7%	13,399	-18.8%
GULF COAST ULSD CALENDAR	LY	7,284	10,309	-29.3%	7,563	-3.7%
GULF COAST ULSD CRACK SPR	GY	16,797	22,541	-25.5%	17,241	-2.6%
HEATING OIL BALMO CLNDR S	1G	0	0	-	75	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL LAST DAY	23	0	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	3,475	14,180	-75.5%	5,165	-32.7%
HENRY HUB BASIS SWAP	HB	36,960	15,976	131.3%	38,954	-5.1%
HENRY HUB INDEX SWAP FUTU	IN	27,954	9,136	206.0%	24,574	13.8%

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HENRY HUB SWAP	NN	1,778,789	2,401,572	-25.9%	1,763,456	0.9%
HENRY HUB SWING FUTURE	SN	132	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	17,632	4,196	320.2%	11,556	52.6%
HOUSTON SHIP CHANNEL INDE	IP	0	200	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	1,260	3,520	-64.2%	1,530	-17.6%
ICE GASOIL BALMO SWAP	U9	3	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	0	-	0	-
IN DELIVERY MONTH EUA	6T	118,463	172,050	-31.1%	116,695	1.5%
INDIANA MISO	FDM	4,045	23,400	-82.7%	5,925	-31.7%
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	FTM	167,017	121,456	37.5%	179,425	-6.9%
INDIANA MISO	PDM	1,921	1,537	25.0%	2,196	-12.5%
INDIANA MISO	PTD	0	0	-	0	-
INDIANA MISO	PTM	3,148	8,151	-61.4%	4,137	-23.9%
INDONESIAN COAL	MCC	1,440	1,070	34.6%	1,510	-4.6%
ISO NEW ENGLAND OFF-PEAK	KI	1,772	5,406	-67.2%	1,986	-10.8%
ISO NEW ENGLAND PK LMP	NI	2,650	7,175	-63.1%	2,961	-10.5%
JAPAN C&F NAPHTHA CRACK S	JB	244	60	306.7%	36	577.8%
JAPAN C&F NAPHTHA SWAP	JA	1,474	1,577	-6.5%	1,400	5.3%
JAPAN NAPHTHA BALMO SWAP	E6	9	157	-94.3%	91	-90.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	166	67	147.8%	126	31.7%
JET BARGES VS ICE GASOIL	JR	5	5	0.0%	15	-66.7%
JET CIF NWE VS ICE	JC	391	970	-59.7%	447	-12.5%
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	10	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	1M	225	700	-67.9%	2,447	-90.8%
JET UP-DOWN(ARGUS) SWAP	JU	0	0	-	0	-
LA CARB DIESEL (OPIS)	LX	81	213	-62.0%	71	14.1%
LA CARB DIESEL (OPIS) SWA	KL	702	653	7.5%	1,017	-31.0%
LA CARBOB GASOLINE(OPIS)S	JL	500	175	185.7%	675	-25.9%
LA JET FUEL VS NYM NO 2 H	MQ	25	1,407	-98.2%	50	-50.0%
LA JET (OPIS) SWAP	JS	125	1,500	-91.7%	50	150.0%
LL JET (OPIS) SWAP	LL	0	0	-	0	-
LLS (ARGUS) CALENDAR SWAP	XA	200	1,700	-88.2%	300	-33.3%
LLS (ARGUS) VS WTI SWAP	WJ	40,939	43,924	-6.8%	40,128	2.0%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	18,194	12,130	50.0%	19,669	-7.5%
MARS (ARGUS) VS WTI TRD M	YV	125	279	-55.2%	125	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	92,177	83,584	10.3%	91,391	0.9%
MCCLOSKEY RCH BAY COAL	MFF	37,515	33,925	10.6%	40,481	-7.3%
MGF FUT	MGF	0	0	-	15	-100.0%
MGN1 SWAP FUT	MGN	315	697	-54.8%	327	-3.7%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	2,628	3,668	-28.4%	2,457	7.0%
MICHIGAN HUB OFF-PEAK MON	HJ	0	4	-100.0%	0	-
MICHIGAN HUB PEAK MONTH S	HM	0	4	-100.0%	0	-
MICHIGAN MISO	HMO	135,104	102,840	31.4%	136,984	-1.4%
MICHIGAN MISO	HMW	9,888	5,622	75.9%	10,003	-1.1%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	366	0	-	522	-29.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	170	0	-	430	-60.5%

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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Energy Futures						
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	787	50	1,474.0%	841	-6.4%
MISO 5MW OFF PEAK	4R	0	8,080	-100.0%	0	-
MISO 5MW PEAK	4Q	0	410	-100.0%	0	-
MJC FUT	MJC	294	972	-69.8%	451	-34.8%
MNC FUT	MNC	7,138	4,344	64.3%	6,946	2.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	12,638	8,680	45.6%	12,840	-1.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	330	0	-	175	88.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	75,840	23,146	227.7%	72,099	5.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	361	50	622.0%	775	-53.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	14,249	6,623	115.1%	12,344	15.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	295	200	47.5%	210	40.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	24,510	16,646	47.2%	25,703	-4.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	657	109	502.8%	272	141.5%
NAT GAS BASIS SWAP	TZ6	2,643	8,764	-69.8%	3,003	-12.0%
NATURAL GAS	XAC	22	0	-	44	-50.0%
NATURAL GAS INDEX	TZI	0	248	-100.0%	0	-
NATURAL GAS PEN SWP	NP	567,221	761,631	-25.5%	626,808	-9.5%
NCN FUT	NCN	0	0	-	0	-
NEPOOL CNCTCT 5MW D AH O	P3	4,696	14,175	-66.9%	4,696	0.0%
NEPOOL CONECTIC 5MW D AH	P2	336	1,230	-72.7%	382	-12.0%
NEPOOL INTR HUB 5MW D AH	H2	382,218	368,330	3.8%	304,907	25.4%
NEPOOL INTR HUB 5MW D AH	U6	21,985	29,352	-25.1%	18,458	19.1%
NEPOOL MAINE 5MW D AH O E	W2	0	2,427	-100.0%	0	-
NEPOOL MAINE 5MW D AH PK	P9	0	123	-100.0%	0	-
NEPOOL NE MASS 5MW D AH O	P8	26,746	79,209	-66.2%	30,506	-12.3%
NEPOOL NE MASS 5MW D AH P	P7	1,434	4,476	-68.0%	1,664	-13.8%
NEPOOL NEW HAMP 5MW D AH	U2	512	717	-28.6%	512	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	9,328	13,373	-30.2%	9,328	0.0%
NEPOOL RHD ISLD 5MW D AH	U4	12,787	3,866	230.8%	8,041	59.0%
NEPOOL RHODE IL 5MW D AH	U5	224,788	70,639	218.2%	132,813	69.3%
NEPOOL SE MASS 5MW D AH O	P5	4,664	11,136	-58.1%	4,664	0.0%
NEPOOL SE MASS 5MW D AH P	P4	256	584	-56.2%	256	0.0%
NEPOOL W CNT MASS 5MW D A	L9	33,871	68,910	-50.8%	36,503	-7.2%
NEPOOL W CNTR M 5MW D AH	R6	2,070	4,183	-50.5%	2,231	-7.2%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-
NEW YORK 0.3% FUEL OIL HI	8N	0	0	-	0	-
NEW YORK ETHANOL SWAP	EZ	2,827	600	371.2%	2,412	17.2%
NEW YORK HUB ZONE G PEAK	GN	0	77	-100.0%	0	-
NEW YORK HUB ZONE J PEAK	JN	0	77	-100.0%	0	-
NGPL MID-CONTINENT	NL	18,761	21,789	-13.9%	18,970	-1.1%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL STX BASIS	T5	0	0	-	0	-
NGPL STX NAT GAS INDEX SW	N6	0	0	-	0	-
NGPL TEX/OK	PD	41,907	19,655	113.2%	38,653	8.4%
NGPL TEXOK INDEX	OI	0	0	-	0	-
NGPL TEXOK SWING SWAP	OX	132	0	-	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-
N ILLINOIS HUB MTHLY	UM	2,330	3,962	-41.2%	2,477	-5.9%
NO 2 UP-DOWN SPREAD CALEN	UT	750	2,120	-64.6%	975	-23.1%
NORTHEN NATURAL GAS DEMAR	PE	4,745	20	23,625.0%	3,315	43.1%
NORTHEN NATURAL GAS VENTU	PF	7,411	3,139	136.1%	2,671	177.5%
NORTHERN ILLINOIS OFF-PEA	UO	2,808	5,214	-46.1%	2,958	-5.1%
NORTHWEST ROCKIES BASIS S	NR	9,603	13,261	-27.6%	9,730	-1.3%



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Energy Futures						
N ROCKIES PIPE SWAP	XR	2,747	270	917.4%	3,328	-17.5%
NY 0.7% FUEL OIL (PLATTS	Y4	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	4,032	7,208	-44.1%	4,986	-19.1%
NY 2.2% FUEL OIL (PLATTS	Y3	445	0	-	395	12.7%
NY 3.0% FUEL OIL (PLATTS	H1	330	732	-54.9%	230	43.5%
NY HARBOR 1% FUEL OIL BAL	VK	0	125	-100.0%	0	-
NY HARBOR HEAT OIL SWP	MP	21,376	15,496	37.9%	18,658	14.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	4,410	0	-	4,350	1.4%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	-	0	-
NY HARBOR RESIDUAL FUEL 1	MM	6,825	11,210	-39.1%	6,687	2.1%
NY HARBOR RESIDUAL FUEL C	ML	200	35	471.4%	150	33.3%
NYH NO 2 CRACK SPREAD CAL	HK	23,794	31,128	-23.6%	26,149	-9.0%
NY H OIL PLATTS VS NYMEX	YH	1,416	5,724	-75.3%	722	96.1%
NYISO A	KA	10,972	10,515	4.3%	11,037	-0.6%
NYISO A OFF-PEAK	KB	3,866	4,548	-15.0%	4,048	-4.5%
NYISO CAPACITY	NNC	633	515	22.9%	708	-10.6%
NYISO CAPACITY	NRS	1,296	508	155.1%	1,389	-6.7%
NYISO G	KG	4,362	6,855	-36.4%	4,620	-5.6%
NYISO G OFF-PEAK	KH	1,594	3,211	-50.4%	1,690	-5.7%
NYISO J	KJ	7,599	7,660	-0.8%	6,517	16.6%
NYISO J OFF-PEAK	KK	1,216	1,532	-20.6%	1,152	5.6%
NYISO ZONE A 5MW D AH O P	K4	577,266	663,740	-13.0%	601,330	-4.0%
NYISO ZONE A 5MW D AH PK	K3	39,469	45,723	-13.7%	39,988	-1.3%
NYISO ZONE C 5MW D AH O P	A3	37,702	46,307	-18.6%	39,958	-5.6%
NYISO ZONE C 5MW D AH PK	Q5	2,033	2,913	-30.2%	2,171	-6.4%
NYISO ZONE G 5MW D AH O P	D2	365,982	672,986	-45.6%	386,286	-5.3%
NYISO ZONE G 5MW D AH PK	T3	24,117	58,503	-58.8%	27,360	-11.9%
NYISO ZONE J 5MW D AH O P	D4	154,141	344,879	-55.3%	191,373	-19.5%
NYISO ZONE J 5MW D AH PK	D3	10,951	23,041	-52.5%	12,147	-9.8%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	3,790	2,525	50.1%	3,600	5.3%
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCTS	DOO	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	829	0	-	669	23.9%
NY ULSD (ARGUS) VS HEATING OIL	7Y	16,253	3,211	406.2%	14,921	8.9%
ONEOK OKLAHOMA NG BASIS	8X	2,380	1,215	95.9%	2,488	-4.3%
ONTARIO POWER SWAPS	OFD	168	200	-16.0%	417	-59.7%
ONTARIO POWER SWAPS	OFM	250,598	174,249	43.8%	267,718	-6.4%
ONTARIO POWER SWAPS	OPD	36	0	-	19	89.5%
ONTARIO POWER SWAPS	OPM	20,449	19,630	4.2%	21,364	-4.3%
OPIS PHYSICAL ETHANE	3Q	0	0	-	0	-
OPIS PHYSICAL LDH PROPANE	3N	0	0	-	0	-
OPIS PHYSICAL NATURAL GASOLINE	3R	0	0	-	0	-
OPIS PHYSICAL NONLDH PROPANE	3P	0	0	-	0	-
OPIS PHYSICAL NORMAL BUTANE	3M	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	23,064	26,845	-14.1%	21,950	5.1%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PANHANDLE SWING FUTURE	SV	0	0	-	0	-
PERMIAN BASIS SWAP	PM	5,318	931	471.2%	2,350	126.3%
PETROCHEMICALS	22	68	53	28.3%	19	257.9%
PETROCHEMICALS	32	66	81	-18.5%	41	61.0%
PETROCHEMICALS	51	0	28	-100.0%	0	-



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PETROCHEMICALS	81	60	-100.0%	0	-
PETROCHEMICALS	8I	1,372	-13.3%	1,320	3.9%
PETROCHEMICALS	91	188	-60.6%	62	19.4%
PETROCHEMICALS	HPE	173	-19.9%	128	35.2%
PETROCHEMICALS	JKM	0	-	0	-
PETROCHEMICALS	LPE	52	-	72	-27.8%
PETROCHEMICALS	MAE	10	0.0%	10	0.0%
PETROCHEMICALS	MAS	114	90.0%	112	1.8%
PETROCHEMICALS	MBE	3,361	34.2%	3,346	0.4%
PETROCHEMICALS	MNB	2,547	-13.8%	3,165	-19.5%
PETRO CRCKS & SPRDS ASIA	STI	0	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STR	176	-24.1%	280	-37.1%
PETRO CRCKS & SPRDS ASIA	STS	40	-89.7%	60	-33.3%
PETRO CRCKS & SPRDS NA	CBA	0	-100.0%	0	-
PETRO CRCKS & SPRDS NA	CRB	298	-46.0%	378	-21.2%
PETRO CRCKS & SPRDS NA	EXR	1,466	13.3%	1,494	-1.9%
PETRO CRCKS & SPRDS NA	FOC	960	-20.8%	835	15.0%
PETRO CRCKS & SPRDS NA	GBB	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	3,232	57.0%	3,020	7.0%
PETRO CRCKS & SPRDS NA	GCU	25,915	-16.5%	26,874	-3.6%
PETRO CRCKS & SPRDS NA	GFC	45	-43.8%	0	-
PETRO CRCKS & SPRDS NA	HOB	6,373	35.6%	5,943	7.2%
PETRO CRCKS & SPRDS NA	KSD	100	-92.0%	150	-33.3%
PETRO CRCKS & SPRDS NA	NFC	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	-	0	-
PETRO CRCKS & SPRDS NA	NYC	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	2,600	-17.5%	2,600	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	19,414	1.9%	18,175	6.8%
PETRO CRCKS & SPRDS NA	RVG	0	-	0	-
PETRO CRK&SPRD EURO	1NB	11,428	114.8%	10,087	13.3%
PETRO CRK&SPRD EURO	1ND	0	-	0	-
PETRO CRK&SPRD EURO	43	104	-45.3%	146	-28.8%
PETRO CRK&SPRD EURO	BFR	270	-78.6%	320	-15.6%
PETRO CRK&SPRD EURO	BOB	2,027	17.0%	2,123	-4.5%
PETRO CRK&SPRD EURO	EBF	0	-	0	-
PETRO CRK&SPRD EURO	EOB	22	-	27	-18.5%
PETRO CRK&SPRD EURO	EPN	384	-27.4%	352	9.1%
PETRO CRK&SPRD EURO	EVC	2,556	241.3%	2,423	5.5%
PETRO CRK&SPRD EURO	FBT	30	-98.1%	0	-
PETRO CRK&SPRD EURO	FVB	42	-79.8%	45	-6.7%
PETRO CRK&SPRD EURO	GCB	0	-	175	-100.0%
PETRO CRK&SPRD EURO	GOC	96	-81.3%	144	-33.3%
PETRO CRK&SPRD EURO	GRB	0	-100.0%	0	-
PETRO CRK&SPRD EURO	GRS	0	-100.0%	0	-
PETRO CRK&SPRD EURO	LSU	84	-	84	0.0%
PETRO CRK&SPRD EURO	MGB	26	-36.6%	48	-45.8%
PETRO CRK&SPRD EURO	MUD	493	-6.5%	490	0.6%
PETRO CRK&SPRD EURO	NBB	0	-	0	-
PETRO CRK&SPRD EURO	NOB	416	-17.5%	411	1.2%
PETRO CRK&SPRD EURO	NYG	0	-	0	-
PETRO CRK&SPRD EURO	SFB	0	-	0	-
PETRO CRK&SPRD EURO	SFC	14	-83.3%	21	-33.3%



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Energy Futures						
PETROLEUM PRODUCTS	D43	0	80	-100.0%	0	-
PETROLEUM PRODUCTS	D44	70	20	250.0%	45	55.6%
PETROLEUM PRODUCTS	D53	0	0	-	0	-
PETROLEUM PRODUCTS	D62	0	0	-	0	-
PETROLEUM PRODUCTS	D63	0	457	-100.0%	0	-
PETROLEUM PRODUCTS	D64	406	63	544.4%	364	11.5%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	0	12	-100.0%	0	-
PETROLEUM PRODUCTS	RMG	0	0	-	0	-
PETROLEUM PRODUCTS	RMK	0	900	-100.0%	0	-
PETROLEUM PRODUCTS ASIA	E6M	29	125	-76.8%	110	-73.6%
PETROLEUM PRODUCTS ASIA	MJN	2,645	3,651	-27.6%	2,720	-2.8%
PETRO OUTFRIGHT EURO	0A	0	0	-	0	-
PETRO OUTFRIGHT EURO	0B	692	220	214.5%	934	-25.9%
PETRO OUTFRIGHT EURO	0C	0	0	-	20	-100.0%
PETRO OUTFRIGHT EURO	0D	7,781	10,649	-26.9%	6,752	15.2%
PETRO OUTFRIGHT EURO	0E	618	25	2,372.0%	400	54.5%
PETRO OUTFRIGHT EURO	0F	1,353	4,977	-72.8%	1,653	-18.1%
PETRO OUTFRIGHT EURO	1T	23	2	1,050.0%	23	0.0%
PETRO OUTFRIGHT EURO	33	373	794	-53.0%	411	-9.2%
PETRO OUTFRIGHT EURO	59	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	35	115	-69.6%	135	-74.1%
PETRO OUTFRIGHT EURO	63	177	163	8.6%	95	86.3%
PETRO OUTFRIGHT EURO	6L	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	405	30	1,250.0%	977	-58.5%
PETRO OUTFRIGHT EURO	7P	0	0	-	0	-
PETRO OUTFRIGHT EURO	7R	269	390	-31.0%	382	-29.6%
PETRO OUTFRIGHT EURO	7S	0	0	-	0	-
PETRO OUTFRIGHT EURO	88	0	10	-100.0%	5	-100.0%
PETRO OUTFRIGHT EURO	CBB	50	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	150	0	-	15	900.0%
PETRO OUTFRIGHT EURO	EFF	5	2	150.0%	80	-93.8%
PETRO OUTFRIGHT EURO	EFM	143	31	361.3%	158	-9.5%
PETRO OUTFRIGHT EURO	ENS	235	245	-4.1%	387	-39.3%
PETRO OUTFRIGHT EURO	EWN	243	72	237.5%	189	28.6%
PETRO OUTFRIGHT EURO	FBD	0	10	-100.0%	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	120	-100.0%
PETRO OUTFRIGHT EURO	MBN	2,795	2,046	36.6%	3,178	-12.1%
PETRO OUTFRIGHT EURO	RBF	0	270	-100.0%	0	-
PETRO OUTFRIGHT EURO	SMU	50	0	-	0	-
PETRO OUTFRIGHT EURO	T0	569	50	1,038.0%	420	35.5%
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTFRIGHT EURO	V0	100	0	-	300	-66.7%
PETRO OUTFRIGHT EURO	W0	0	0	-	0	-
PETRO OUTFRIGHT EURO	X0	0	234	-100.0%	0	-
PETRO OUTFRIGHT EURO	Y0	0	0	-	0	-
PETRO OUTFRIGHT NA	5Y	0	2	-100.0%	0	-
PETRO OUTFRIGHT NA	DBB	0	472	-100.0%	0	-
PETRO OUTFRIGHT NA	FCB	109	128	-14.8%	302	-63.9%
PETRO OUTFRIGHT NA	FOB	0	0	-	0	-
PETRO OUTFRIGHT NA	FOM	10	0	-	0	-
PETRO OUTFRIGHT NA	GKS	0	0	-	0	-



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Energy Futures						
PETRO OUTRIGHT NA	GSI	0	0	-	0	-
PETRO OUTRIGHT NA	JE	20	86	-76.7%	0	-
PETRO OUTRIGHT NA	MBL	738	573	28.8%	832	-11.3%
PETRO OUTRIGHT NA	MEN	648	448	44.6%	610	6.2%
PETRO OUTRIGHT NA	MEO	6,733	8,513	-20.9%	7,411	-9.1%
PETRO OUTRIGHT NA	MFD	105	54	94.4%	133	-21.1%
PETRO OUTRIGHT NA	MMF	102	114	-10.5%	116	-12.1%
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	0	100	-100.0%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PGE&E CITYGATE	PC	124	1,488	-91.7%	248	-50.0%
PJM AD HUB 5MW REAL TIME	V3	1,616,121	1,259,304	28.3%	1,654,473	-2.3%
PJM AD HUB 5MW REAL TIME	Z9	64,737	60,116	7.7%	69,268	-6.5%
PJM AECO DA OFF-PEAK	X1	192,840	187,673	2.8%	204,496	-5.7%
PJM AECO DA PEAK	Y1	10,419	10,148	2.7%	11,132	-6.4%
PJM APS ZONE DA OFF-PEAK	W4	30,531	42,144	-27.6%	31,659	-3.6%
PJM APS ZONE DA PEAK	S4	1,656	2,298	-27.9%	1,725	-4.0%
PJM ATSI ELEC	MOD	0	5,472	-100.0%	0	-
PJM ATSI ELEC	MPD	0	294	-100.0%	0	-
PJM BGE DA OFF-PEAK	R3	37,976	57,865	-34.4%	40,608	-6.5%
PJM BGE DA PEAK	E3	3,030	5,396	-43.8%	3,306	-8.3%
PJM COMED 5MW D AH O PK	D9	87,734	160,089	-45.2%	91,118	-3.7%
PJM COMED 5MW D AH PK	D8	4,780	8,641	-44.7%	4,987	-4.2%
PJM DAILY	JD	0	0	-	0	-
PJM DAYTON DA OFF-PEAK	R7	333,151	183,534	81.5%	344,055	-3.2%
PJM DAYTON DA PEAK	D7	19,194	14,202	35.1%	20,275	-5.3%
PJM DPL DA OFF-PEAK	E8	0	14,489	-100.0%	0	-
PJM DPL DA PEAK	L8	0	817	-100.0%	0	-
PJM DUQUESNE 5MW D AH PK	D5	41	296	-86.1%	64	-35.9%
PJM DUQUS 5MW D AH O PK	D6	809	5,489	-85.3%	1,185	-31.7%
PJM EASTERNH DA OFF-PEAK	F4	0	0	-	0	-
PJM EASTERNH DA PEAK	E9	0	205	-100.0%	0	-
PJM JCPL DA OFF-PEAK	F2	125,085	23,400	434.6%	130,725	-4.3%
PJM JCPL DA PEAK	J2	7,515	3,280	129.1%	7,975	-5.8%
PJM NI HUB 5MW REAL TIME	B3	36,219	58,416	-38.0%	40,175	-9.8%
PJM NI HUB 5MW REAL TIME	B6	702,995	891,415	-21.1%	749,995	-6.3%
PJM NILL DA OFF-PEAK	L3	236,803	603,021	-60.7%	270,115	-12.3%
PJM NILL DA PEAK	N3	12,338	27,898	-55.8%	14,003	-11.9%
PJM OFF-PEAK LMP SWAP FUT	JP	8,736	11,522	-24.2%	8,966	-2.6%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	512	2,061	-75.2%	512	0.0%
PJM PEPKO DA OFF-PEAK	Q8	0	4,045	-100.0%	0	-
PJM PEPKO DA PEAK	R8	0	1,316	-100.0%	0	-
PJM PPL DA OFF-PEAK	F5	49,257	121,164	-59.3%	52,641	-6.4%
PJM PPL DA PEAK	L5	3,861	8,769	-56.0%	4,160	-7.2%
PJM PSEG DA OFF-PEAK	W6	34,317	164,417	-79.1%	40,333	-14.9%
PJM PSEG DA PEAK	L6	1,811	8,889	-79.6%	2,179	-16.9%
PJM WES HUB PEAK LMP 50 M	4S	256	256	0.0%	279	-8.2%
PJM WESTH DA OFF-PEAK	E4	1,451,324	799,199	81.6%	1,485,540	-2.3%
PJM WESTHDA PEAK	J4	84,283	51,868	62.5%	87,158	-3.3%
PJM WESTH RT OFF-PEAK	N9	3,087,512	1,811,486	70.4%	3,139,776	-1.7%
PJM WESTH RT PEAK	L1	150,604	100,448	49.9%	156,144	-3.5%



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Energy Futures						
PLASTICS	PGP	1,523	830	83.5%	1,297	17.4%
PLASTICS	PPP	0	25	-100.0%	0	-
POLYETHYLENE FUTURES	P6	0	0	-	0	-
POLYPROPYLENE FUTURES	P1	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	3G	821	619	32.6%	810	1.4%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	-	0	-
PREMIUM UNLEAD 10PPM FOB	8G	133	181	-26.5%	237	-43.9%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	9	10	-10.0%	5	80.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	31	54	-42.6%	74	-58.1%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	0	60	-100.0%	200	-100.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	6,545	1,462	347.7%	5,243	24.8%
RBOB CALENDAR SWAP	RL	18,584	14,284	30.1%	18,422	0.9%
RBOB CRACK SPREAD	RM	4,408	9,368	-52.9%	5,476	-19.5%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	42	863	-95.1%	1,094	-96.2%
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	75	0.0%	81	-7.4%
RBOB UP-DOWN CALENDAR SWA	RV	13,637	16,479	-17.2%	15,128	-9.9%
RBOB VS HEATING OIL SWAP	RH	1,525	0	-	875	74.3%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	1,423	3,771	-62.3%	1,149	23.8%
SAN JUAN PIPE SWAP	XX	336	0	-	336	0.0%
SINGAPORE 180CST BALMO	BS	30	182	-83.5%	51	-41.2%
SINGAPORE 380CST BALMO	BT	24	69	-65.2%	45	-46.7%
SINGAPORE 380CST FUEL OIL	SE	4,688	6,107	-23.2%	4,197	11.7%
SINGAPORE FUEL 180CST CAL	UA	4,968	7,278	-31.7%	4,572	8.7%
SINGAPORE FUEL OIL SPREAD	SD	781	2,720	-71.3%	929	-15.9%
SINGAPORE GASOIL	MTB	92	76	21.1%	156	-41.0%
SINGAPORE GASOIL	MTS	5,589	5,639	-0.9%	4,125	35.5%
SINGAPORE GASOIL	STF	0	0	-	0	-
SINGAPORE GASOIL	STL	225	0	-	0	-
SINGAPORE GASOIL	STZ	600	850	-29.4%	600	0.0%
SINGAPORE GASOIL	SZF	0	0	-	0	-
SINGAPORE GASOIL	SZZ	0	0	-	0	-
SINGAPORE GASOIL BALMO	VU	240	500	-52.0%	225	6.7%
SINGAPORE GASOIL CALENDAR	MSG	552	80	590.0%	372	48.4%
SINGAPORE GASOIL SWAP	SG	6,841	10,185	-32.8%	5,667	20.7%
SINGAPORE GASOIL VS ICE	GA	8,108	16,847	-51.9%	9,094	-10.8%
SINGAPORE JET KERO BALMO	BX	0	50	-100.0%	0	-
SINGAPORE JET KERO GASOIL	RK	4,100	10,786	-62.0%	4,775	-14.1%
SINGAPORE JET KEROSENE SW	KS	6,683	8,462	-21.0%	5,371	24.4%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	50	300	-83.3%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	975	150	550.0%	250	290.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	23,916	14,983	59.6%	26,955	-11.3%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	175	1,478	-88.2%	175	0.0%
SING FUEL	MSD	0	15	-100.0%	0	-
SOCAL BASIS SWAP	NS	2,884	6,033	-52.2%	3,136	-8.0%
SOCAL PIPE SWAP	XN	1,650	4,740	-65.2%	1,704	-3.2%
SONAT BASIS SWAP FUTURE	SZ	3,238	2,980	8.7%	3,358	-3.6%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-

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Energy Futures						
SOUTH STAR TEX OKLHM KNS	8Z	1,067	2,352	-54.6%	1,167	-8.6%
Sumas Basis Swap	NK	5,588	7,540	-25.9%	5,538	0.9%
TC2 ROTTERDAM TO USAC 37K	TM	20	100	-80.0%	30	-33.3%
TC5 RAS TANURA TO YOKOHAM	TH	10	210	-95.2%	15	-33.3%
TCO BASIS SWAP	TC	81,675	5,253	1,454.8%	79,037	3.3%
TCO NG INDEX SWAP	Q1	3,408	0	-	3,656	-6.8%
TD3 MEG TO JAPAN 250K MT	TL	0	74	-100.0%	0	-
TD5 WEST AFRICA TO USAC 1	TI	0	0	-	0	-
TENN 800 LEG NAT GAS INDE	L4	0	5,289	-100.0%	0	-
TENNESSEE 500 LEG BASIS S	NM	1,836	0	-	1,956	-6.1%
TENNESSEE 500 LEG NG INDE	Y7	0	2,920	-100.0%	248	-100.0%
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-
TENNESSEE 800 LEG NG BASI	6Z	2,568	3,509	-26.8%	2,568	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
TENNESSEE ZONE 0 NG INDE	Q4	0	0	-	0	-
Tetco ELA Basis	TE	0	0	-	0	-
TETCO M-3 INDEX	IX	6,574	0	-	7,194	-8.6%
Tetco STX Basis	TX	4	694	-99.4%	8	-50.0%
TEXAS EASTERN ZONE M-3 BA	NX	21,234	5,918	258.8%	22,549	-5.8%
TEXAS EAST WLA NAT GAS IN	C2	0	0	-	0	-
TEXAS EAST W LOUISIANA NG	8B	0	0	-	0	-
TEXAS GAS ZONE 1 NAT GAS	N4	0	0	-	0	-
TEXAS GAS ZONE1 NG BASIS	9F	3,150	2,420	30.2%	3,150	0.0%
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	-	0	-
Transco Zone 3 Basis	CZ	11,028	7,914	39.3%	11,028	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	12,000	6,274	91.3%	12,074	-0.6%
TRANSCO ZONE 4 NAT GAS IN	B2	372	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	2,580	3,818	-32.4%	2,496	3.4%
TRANSCO ZONE 6 INDEX	IT	40	0	-	0	-
TRANSCO ZONE 6 SWING SWAP	ST	0	0	-	0	-
TRUNKLINE LA BASIS SWAP	NU	0	0	-	0	-
UCM FUT	UCM	175	115	52.2%	315	-44.4%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	9	-100.0%	0	-
ULSD 10PPM CIF MED VS ICE	Z7	96	332	-71.1%	174	-44.8%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	2	0	-	20	-90.0%
ULSD UP-DOWN(ARGUS) SWAP	US	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	843	1,445	-41.7%	1,720	-51.0%
UP DOWN GC ULSD VS NMX HO	LT	54,617	77,043	-29.1%	51,562	5.9%
USGC UNL 87 CRACK SPREAD	RU	450	1,360	-66.9%	410	9.8%
WAHA BASIS	NW	12,971	4,615	181.1%	9,323	39.1%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	6,785	13,263	-48.8%	5,975	13.6%
WTI-BRENT BULLET SWAP	BY	60	8,285	-99.3%	975	-93.8%
WTI-BRENT CALENDAR SWAP	BK	136,612	96,085	42.2%	132,964	2.7%
WTI CALENDAR	CS	148,586	161,121	-7.8%	152,980	-2.9%
WTS (ARGUS) VS WTI SWAP	FF	28,568	8,441	238.4%	20,565	38.9%
WTS (ARGUS) VS WTI TRD MT	FH	5,222	5,842	-10.6%	3,785	38.0%

Energy Options

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Energy Options						
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	2,154	2,763	-22.0%	2,760	-22.0%
HEATING OIL PHY	OH	80,781	49,881	61.9%	104,553	-22.7%
HENRY HUB FINANCIAL LAST	E7	22,778	20,167	12.9%	23,851	-4.5%
HO 1 MONTH CLNDR OPTIONS	FA	2,780	0	-	2,980	-6.7%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-
IN DELIVERY MONTH CER OPTIONS	6P	0	0	-	0	-
IN DELIVERY MONTH EUA OPTIONS	6U	0	3,000	-100.0%	0	-
ISO NEW ENGLAND PK LMP	OE	0	810	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	MTO	11,155	6,570	69.8%	11,250	-0.8%
MCCLOSKEY RCH BAY COAL	MFO	2,660	1,540	72.7%	1,610	65.2%
NATURAL GAS 12 M CSO FIN	G7	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	114,270	271,069	-57.8%	82,227	39.0%
NATURAL GAS 1MO	IA	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	G2	1,400	1,900	-26.3%	0	-
NATURAL GAS 3 M CSO FIN	G3	1,100	18,650	-94.1%	1,300	-15.4%
NATURAL GAS 5 M CSO FIN	G5	250	3,000	-91.7%	0	-
NATURAL GAS 6 M CSO FIN	G6	4,500	21,200	-78.8%	2,450	83.7%
NATURAL GAS OPT	5N	0	0	-	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	19,851	29,891	-33.6%	19,531	1.6%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	3,813,046	4,859,583	-21.5%	3,929,466	-3.0%
NATURAL GAS PHY	ON	160,464	240,080	-33.2%	136,412	17.6%
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 SUMMER STRIP	4D	0	60	-100.0%	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ILLINOIS HUB MTHLY	OU	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	14,613	19,591	-25.4%	17,463	-16.3%
NY HARBOR HEAT OIL SWP	AT	93,261	65,030	43.4%	104,728	-10.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
NYMEX EUROPEAN GASOIL APO	F7	30	314	-90.4%	94	-68.1%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE BASIS	5K	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	2,140	-100.0%	0	-
PETROCHEMICALS	4H	18,146	13,475	34.7%	16,912	7.3%
PETROCHEMICALS	4I	150	180	-16.7%	225	-33.3%
PETROCHEMICALS	4J	6,890	9,330	-26.2%	8,385	-17.8%
PETROCHEMICALS	4K	100	1,982	-95.0%	150	-33.3%
PETROCHEMICALS	CPR	65	267	-75.7%	100	-35.0%
PETRO OUTRIGHT EURO	8H	942	1,069	-11.9%	213	342.3%
PETRO OUTRIGHT NA	FG	0	0	-	0	-
PGE CITYGATE PIPE SWAP	CW	7,600	12,000	-36.7%	8,000	-5.0%
PJM CALENDAR STRIP	6O	6,285	18,200	-65.5%	6,335	-0.8%
PJM ELECTRIC	6OO	6	0	-	6	0.0%
PJM MONTHLY	JO	314	2,688	-88.3%	404	-22.3%
RBOB 1MO CAL SPD OPTIONS	ZA	0	200	-100.0%	0	-
RBOB 6 MONTH CALENDAR SPR	ZM	0	0	-	0	-
RBOB CALENDAR SWAP	RA	7,618	12,250	-37.8%	8,152	-6.6%
RBOB CRACK SPREAD AVG PRICE OPTIONS	3Y	0	0	-	0	-
RBOB PHY	OB	21,120	30,872	-31.6%	27,222	-22.4%

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Metals Futures						
COMEX GOLD	GC	376,407	387,611	-2.9%	421,970	-10.8%
NYMEX HOT ROLLED STEEL	HR	23,293	14,619	59.3%	15,708	48.3%
NYMEX PLATINUM	PL	64,625	60,940	6.0%	60,741	6.4%
PALLADIUM	PA	31,796	35,707	-11.0%	33,770	-5.8%
URANIUM	UX	5,402	7,310	-26.1%	6,004	-10.0%
COMEX SILVER	SI	156,064	133,205	17.2%	179,095	-12.9%
COMEX MINY GOLD	QO	738	530	39.2%	1,007	-26.7%
E-MINI SILVER	6Q	0	3	-100.0%	0	-
COMEX MINY SILVER	QI	119	136	-12.5%	273	-56.4%
COMEX COPPER	HG	164,092	155,519	5.5%	163,394	0.4%
COMEX MINY COPPER	QC	146	112	30.4%	115	27.0%
Aluminium MW Trans Prem Platts	AUP	1,961	84	2,234.5%	1,969	-0.4%
ALUMINUM	ALI	202	0	-	238	-15.1%
AUSTRALIAN COKE COAL	ACL	0	0	-	0	-
AUSTRALIAN COKE COAL	ALW	1,177	64	1,739.1%	1,332	-11.6%
COPPER	HGS	4,073	453	799.1%	3,508	16.1%
E-MICRO GOLD	MGC	1,447	1,237	17.0%	2,383	-39.3%
FERROUS PRODUCTS	BUS	0	171	-100.0%	0	-
FERROUS PRODUCTS	SSF	0	24	-100.0%	0	-
IRON ORE	PIO	240	0	-	120	100.0%
NYMEX IRON ORE FUTURES	TIO	5,035	4,463	12.8%	5,714	-11.9%
SILVER	SIL	606	1,027	-41.0%	1,121	-45.9%
Metals Options						
COMEX COPPER	HX	1,523	1,936	-21.3%	3,151	-51.7%
COMEX GOLD	OG	1,373,769	1,366,797	0.5%	1,672,665	-17.9%
COMEX SILVER	SO	197,929	174,004	13.7%	266,262	-25.7%
GOLD	OG1	353	0	-	567	-37.7%
GOLD	OG2	20	0	-	0	-
GOLD	OG3	0	0	-	123	-100.0%
GOLD	OG4	0	0	-	0	-
GOLD	OG5	0	0	-	0	0.0%
IRON ORE CHINA	ICP	0	0	-	0	-
IRON ORE CHINA	ICT	6,172	3,762	64.1%	3,792	62.8%
NYMEX HOT ROLLED STEEL	HRO	0	1,920	-100.0%	0	-
NYMEX PLATINUM	PO	21,090	19,849	6.3%	16,379	28.8%
PALLADIUM	PAO	4,683	11,295	-58.5%	16,197	-71.1%
SHORT TERM	L11	0	0	-	0	-
SHORT TERM	L15	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	L06	0	0	-	0	-
SHORT TERM GOLD	L08	0	0	-	0	-
SHORT TERM GOLD	L09	0	0	-	0	-
SHORT TERM GOLD	L18	0	0	-	0	-
SHORT TERM GOLD	L29	0	0	-	0	-
SHORT TERM GOLD	L30	0	0	-	0	-
SHORT TERM GOLD	L31	0	0	-	0	-
SILVER	SO1	43	0	-	47	-8.5%
SILVER	SO2	0	0	-	8	-100.0%
SILVER	SO3	0	0	-	0	-



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Metals Options						
SILVER	SO4	0	0	-	0	-
SILVER	SO5	0	0	-	0	0.0%
TOTAL FUTURES GROUP						
Commodities and Alternative Investments Futures		56	9	522.2%	99	-43.4%
Energy Futures		20,193,926	20,498,011	-1.5%	20,528,553	-1.6%
Metals Futures		837,423	803,215	4.3%	898,462	-6.8%
TOTAL FUTURES		21,031,405	21,301,235	-1.3%	21,427,114	-1.8%
TOTAL OPTIONS GROUP						
Energy Options		8,397,699	9,384,238	-10.5%	8,876,388	-5.4%
Metals Options		1,605,582	1,579,563	1.6%	1,979,191	-18.9%
TOTAL OPTIONS		10,003,281	10,963,801	-8.8%	10,855,579	-7.9%
TOTAL COMBINED						
Commodities and Alternative Investments		56	9	522.2%	99	-43.4%
Energy		28,591,625	29,882,249	-4.3%	29,404,941	-2.8%
Metals		2,443,005	2,382,778	2.5%	2,877,653	-15.1%
GRAND TOTAL		31,034,686	32,265,036	-3.8%	32,282,693	-3.9%