

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest FEB 2018	Open Interest FEB 2017	% CHG	Open Interest JAN 2018	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	12	-100.0%	4	-100.0%
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	2	-100.0%	1	-100.0%
SUGAR 11	YO	0	0	0.0%	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,471,981	2,129,674	16.1%	2,657,783	-7.0%
CRUDE OIL	WS	572	3,933	-85.5%	2,426	-76.4%
MINY WTI CRUDE OIL	QM	3,431	3,500	-2.0%	4,032	-14.9%
BRENT OIL LAST DAY	BZ	210,305	137,538	52.9%	206,920	1.6%
HEATING OIL PHY	HO	409,292	406,113	0.8%	469,452	-12.8%
HTG OIL	BH	231	219	5.5%	250	-7.6%
MINY HTG OIL	QH	1	1	0.0%	0	-
RBOB PHY	RB	414,966	391,920	5.9%	452,535	-8.3%
MINY RBOB GAS	QU	0	0	-	0	0.0%
NATURAL GAS	HP	91,245	113,089	-19.3%	109,997	-17.0%
LTD NAT GAS	HH	366,344	365,301	0.3%	382,986	-4.3%
MINY NATURAL GAS	QG	2,934	1,830	60.3%	3,646	-19.5%
PJM MONTHLY	JM	1,250	3,624	-65.5%	1,280	-2.3%
NATURAL GAS PHY	NG	1,348,281	1,334,139	1.1%	1,425,768	-5.4%
RBOB GAS	RT	3,922	1,162	237.5%	3,769	4.1%
3.5% FUEL OIL CID MED SWA	7D	373	829	-55.0%	192	94.3%
3.5% FUEL OIL CIF BALMO S	8D	0	90	-100.0%	0	-
AEP-DAYTON HUB DAILY	VD	110	212	-48.1%	110	0.0%
AEP-DAYTON HUB MTHLY	VM	0	770	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	550	-100.0%	0	-
ALGON CITY GATES NAT GAS	N7	0	2,184	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	31	2,265	-98.6%	59	-47.5%
ANR LOUISIANA BASIS SWAP	ND	0	31	-100.0%	0	-
ANR OKLAHOMA	NE	1,526	3,355	-54.5%	1,610	-5.2%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	57,142	17,958	218.2%	58,425	-2.2%
ARGUS PROPAN FAR EST INDE	7E	4,175	1,587	163.1%	4,123	1.3%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,493	731	104.2%	1,134	31.7%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	312	965	-67.7%	336	-7.1%
BRENT BALMO SWAP	J9	50	0	-	0	-
BRENT CALENDAR SWAP	CY	11,801	16,267	-27.5%	13,312	-11.4%
BRENT FINANCIAL FUTURES	BB	7,322	3,114	135.1%	3,322	120.4%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	32	0	-	48	-33.3%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	7,700	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-
CANADIAN LIGHT SWEET OIL	CIL	63	8,590	-99.3%	70	-10.0%
CENTERPOINT BASIS SWAP	PW	8,180	17,478	-53.2%	8,828	-7.3%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	DEB	138	0	-	0	-
CEU ENERGY	TTF	80	0	-	60	33.3%
CEU ENERGY	UKG	90	0	-	0	-

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Energy Futures						
CHICAGO ETHANOL SWAP	CU	66,865	57,941	15.4%	64,343	3.9%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	5C	803	1,509	-46.8%	957	-16.1%
CHICAGO UNL GAS PL VS RBO	3C	300	33	809.1%	150	100.0%
CIG BASIS	CI	20,525	44,628	-54.0%	21,683	-5.3%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	110	136	-19.1%	120	-8.3%
CINERGY HUB PEAK MONTH	EM	264	288	-8.3%	288	-8.3%
CIN HUB 5MW D AH O PK	K2	124,040	284,800	-56.4%	137,760	-10.0%
CIN HUB 5MW D AH PK	H5	7,509	18,071	-58.4%	7,953	-5.6%
CIN HUB 5MW REAL TIME O P	H4	425,224	638,104	-33.4%	447,752	-5.0%
CIN HUB 5MW REAL TIME PK	H3	34,778	47,959	-27.5%	36,538	-4.8%
COAL SWAP	ACM	45	220	-79.5%	60	-25.0%
COAL SWAP	SSI	0	10	-100.0%	0	-
COLUMB GULF MAINLINE NG B	5Z	3,572	16,990	-79.0%	4,102	-12.9%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	0	14,382	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,133	417	171.7%	934	21.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	913	1,014	-10.0%	1,105	-17.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,658	15,040	17.4%	17,876	-1.2%
CRUDE OIL	CHB	0	0	-	0	-
CRUDE OIL	LPS	13,110	19,950	-34.3%	13,460	-2.6%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	122	249	-51.0%	151	-19.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	30	-100.0%
CRUDE OIL OUTRIGHTS	CPD	1,700	0	-	1,686	0.8%
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	1,365	-100.0%	185	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	100	-100.0%	0	-
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	0	100	-100.0%	45	-100.0%
CRUDE OIL OUTRIGHTS	HTT	102,100	20,597	395.7%	101,047	1.0%
CRUDE OIL OUTRIGHTS	LSW	1,950	0	-	2,240	-12.9%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	30	-100.0%
CRUDE OIL OUTRIGHTS	UMD	1,700	0	-	1,400	21.4%
CRUDE OIL OUTRIGHTS	UNS	1,772	0	-	2,438	-27.3%
CRUDE OIL OUTRIGHTS	WCC	1,440	11,359	-87.3%	1,670	-13.8%
CRUDE OIL OUTRIGHTS	WCW	22,387	0	-	24,655	-9.2%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	1,155	0	-	1,155	0.0%
CRUDE OIL SPRDS	WTT	164,783	29,740	454.1%	152,337	8.2%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	4,320	14,688	-70.6%	4,320	0.0%
DAILY PJM	IDO	16,208	16,863	-3.9%	18,480	-12.3%
DAILY PJM	NOC	11,424	11,520	-0.8%	11,424	0.0%
DAILY PJM	PAP	486	1,776	-72.6%	450	8.0%
DAILY PJM	PEO	10,059	17,315	-41.9%	9,240	8.9%
DAILY PJM	PNO	64,968	84,645	-23.2%	58,960	10.2%
DAILY PJM	PNP	2,943	4,434	-33.6%	2,725	8.0%
DAILY PJM	PWO	26,345	92,520	-71.5%	24,200	8.9%
DAILY PJM	PWP	1,485	5,637	-73.7%	1,375	8.0%
DAILY PJM	WOR	39,744	22,848	73.9%	39,744	0.0%
DAILY PJM	ZAO	6,706	13,890	-51.7%	6,160	8.9%

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DAILY PJM	ZGO	34,928	13,683	155.3%	33,880	3.1%
DAILY PJM	ZJO	11,975	4,075	193.9%	11,000	8.9%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	8,395	9,055	-7.3%	8,735	-3.9%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-
DEMARCO SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	2,672	2,920	-8.5%	2,920	-8.5%
DOMINION TRANSMISSION INC	PG	26,094	60,985	-57.2%	27,858	-6.3%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	5,425	19,752	-72.5%	7,825	-30.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	225	-100.0%	0	-
EASTERN RAIL DELIVERY CSX	QX	210	2,005	-89.5%	200	5.0%
EAST/WEST FUEL OIL SPREAD	EW	135	887	-84.8%	15	800.0%
EIA FLAT TAX ONHWAY DIESE	A5	2,184	4,286	-49.0%	2,393	-8.7%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	240	0	-	240	0.0%
ELEC ERCOT DLY PEAK	I7	240	0	-	240	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC FINSETTLED	47	1,490	2,699	-44.8%	1,534	-2.9%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	3,495	215	1,525.6%	3,825	-8.6%
ELEC MISO PEAK	55	0	932	-100.0%	0	-
ELEC NYISO OFF-PEAK	4M	64,320	0	-	70,200	-8.4%
ELEC NYISO OFF-PEAK	58	0	17,152	-100.0%	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	27,280	49,504	-44.9%	28,064	-2.8%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-
ELEC WEST POWER PEAK	MDC	0	3,850	-100.0%	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	2,200	0	-	3,000	-26.7%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	5,760	0	-	5,760	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	110,880	0	-	132,000	-16.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	7,400	430	1,620.9%	7,540	-1.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,679	4,341	30.8%	6,125	-7.3%
EURO 1% FUEL OIL NEW BALM	KX	5	5	0.0%	0	-
EURO 3.5% FUEL OIL RDAM B	KR	621	510	21.8%	594	4.5%
EURO 3.5% FUEL OIL SPREAD	FK	164	2,558	-93.6%	153	7.2%
EURO-DENOMINATED PETRO PROD	NCP	0	99	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	442	289	52.9%	326	35.6%
EUROPE 1% FUEL OIL NWE CA	UF	187	290	-35.5%	194	-3.6%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-
EUROPE 3.5% FUEL OIL MED	UI	480	1,021	-53.0%	410	17.1%
EUROPE 3.5% FUEL OIL RDAM	UV	10,954	11,309	-3.1%	11,011	-0.5%
EUROPEAN GASOIL (ICE)	7F	383	3,131	-87.8%	562	-31.9%
EUROPEAN NAPHTHA BALMO	KZ	304	245	24.1%	336	-9.5%

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Energy Futures						
EUROPEAN NAPHTHA CRACK SPR	EN	15,011	10,343	45.1%	15,145	-0.9%
EUROPE DATED BRENT SWAP	UB	450	39	1,053.8%	587	-23.3%
EUROPE JET KERO NWE CALSW	UJ	60	0	-	66	-9.1%
EUROPE NAPHTHA CALSWAP	UN	3,863	2,693	43.4%	3,502	10.3%
EURO PROPANE CIF ARA SWA	PS	2,019	1,475	36.9%	1,762	14.6%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	868	-100.0%	0	-
FREIGHT MARKETS	FLP	661	1,094	-39.6%	724	-8.7%
FREIGHT MARKETS	FRC	110	0	-	95	15.8%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	429	0	-	468	-8.3%
FREIGHT MARKETS	TC6	240	0	-	240	0.0%
FUEL OIL CRACK VS ICE	FO	13,144	18,468	-28.8%	13,842	-5.0%
FUEL OIL NWE CRACK VS ICE	FI	156	0	-	156	0.0%
FUEL OIL (PLATS) CAR CM	1W	100	158	-36.7%	99	1.0%
FUEL OIL (PLATS) CAR CN	1X	45	0	-	45	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	846	1,043	-18.9%	955	-11.4%
GAS EURO-BOB OXY NWE BARGES	7H	6,041	5,670	6.5%	5,805	4.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	31,118	31,244	-0.4%	28,965	7.4%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	105	-100.0%	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	20	-100.0%	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	197	35	462.9%	209	-5.7%
GASOIL 0.1 ROTTERDAM BARG	VL	40	35	14.3%	55	-27.3%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	546	892	-38.8%	612	-10.8%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	6	70	-91.4%	0	-
GASOIL CRACK SPREAD CALEN	GZ	27,447	21,074	30.2%	24,853	10.4%
GASOIL MINI CALENDAR SWAP	QA	711	277	156.7%	803	-11.5%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	115	275	-58.2%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	11,595	5,445	112.9%	12,149	-4.6%
GRP THREE UNL GS (PLT) VS	A8	4,151	4,015	3.4%	4,297	-3.4%
GULF COAST 3% FUEL OIL BA	VZ	466	2,560	-81.8%	3,114	-85.0%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	773	1,083	-28.6%	827	-6.5%
GULF COAST JET VS NYM 2 H	ME	33,895	36,203	-6.4%	31,546	7.4%
GULF COAST NO.6 FUEL OIL	MF	44,088	52,287	-15.7%	48,013	-8.2%
GULF COAST NO.6 FUEL OIL	MG	6,117	5,301	15.4%	6,716	-8.9%
GULF COAST ULSD CALENDAR	LY	1,526	3,446	-55.7%	1,734	-12.0%
GULF COAST ULSD CRACK SPR	GY	1,045	2,508	-58.3%	1,050	-0.5%
HEATING OIL BALMO CLNDR S	1G	37	0	-	19	94.7%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	2,936	43,387	-93.2%	7,528	-61.0%
HENRY HUB FINANCIAL LAST	NBP	12	0	-	18	-33.3%
HENRY HUB FINANCIAL LAST	TTE	0	0	-	36	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	6,192	25,271	-75.5%	6,192	0.0%

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HENRY HUB SWAP	NN	1,119,645	1,286,593	-13.0%	1,154,421	-3.0%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	17,235	23,401	-26.3%	17,907	-3.8%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	2,617	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	50,283	16,906	197.4%	53,020	-5.2%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	3,698	10,748	-65.6%	3,698	0.0%
INDIANA MISO	FAD	17,080	17,440	-2.1%	15,680	8.9%
INDIANA MISO	FTD	6,144	3,936	56.1%	6,144	0.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	1,176	1,946	-39.6%	1,116	5.4%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	616	427	44.3%	616	0.0%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	5	-100.0%	0	-
INDONESIAN COAL ICI4	ICI	20	0	-	0	-
ISO NEW ENGLAND OFF-PEAK	KI	0	154	-100.0%	0	-
ISO NEW ENGLAND PK LMP	NI	0	197	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	825	1,151	-28.3%	1,681	-50.9%
JAPAN C&F NAPHTHA SWAP	JA	2,521	1,659	52.0%	2,357	7.0%
JAPAN NAPHTHA BALMO SWAP	E6	68	47	44.7%	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	22	33	-33.3%	29	-24.1%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	733	293	150.2%	638	14.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	5,305	2,975	78.3%	5,970	-11.1%
LA CARB DIESEL (OPIS)	LX	0	65	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	KL	350	359	-2.5%	225	55.6%
LA CARBOB GASOLINE(OPIS)S	JL	1,075	400	168.8%	1,025	4.9%
LA JET FUEL VS NYM NO 2 H	MQ	0	25	-100.0%	0	-
LA JET (OPIS) SWAP	JS	2,875	2,060	39.6%	2,265	26.9%
LLS (ARGUS) VS WTI SWAP	WJ	22,149	28,905	-23.4%	23,049	-3.9%
MARS (ARGUS) VS WTI SWAP	YX	8,725	14,880	-41.4%	9,945	-12.3%
MARS (ARGUS) VS WTI TRD M	YV	35,195	30,279	16.2%	33,710	4.4%
MARS BLEND CRUDE OIL	MB	60	2,694	-97.8%	90	-33.3%
MCCLOSKEY ARA ARGS COAL	MTF	41,759	72,937	-42.7%	42,647	-2.1%
MCCLOSKEY RCH BAY COAL	MFF	4,921	14,580	-66.2%	4,804	2.4%
MGF FUT	MGF	80	0	-	80	0.0%
MGN1 SWAP FUT	MGN	392	566	-30.7%	284	38.0%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	4,623	11,512	-59.8%	4,977	-7.1%
MICHIGAN MISO	HMO	30,016	197,040	-84.8%	32,760	-8.4%
MICHIGAN MISO	HMW	1,631	13,025	-87.5%	1,785	-8.6%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	235	196	19.9%	366	-35.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	230	-100.0%	120	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,919	3,514	-45.4%	2,497	-23.1%
MJC FUT	MJC	625	251	149.0%	665	-6.0%
MNC FUT	MNC	4,068	4,274	-4.8%	3,314	22.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	49,619	94,216	-47.3%	56,021	-11.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	300	570	-47.4%	250	20.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	115,010	116,404	-1.2%	114,655	0.3%

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Energy Futures						
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,150	3,137	-31.5%	5,378	-60.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,475	13,958	39.5%	19,976	-2.5%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	260	160	62.5%	500	-48.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	31,311	37,756	-17.1%	34,940	-10.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	392	603	-35.0%	1,601	-75.5%
NAT GAS BASIS SWAP	TZ6	5,127	12,351	-58.5%	5,463	-6.2%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	4	0	-	8	-50.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	1,260	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	-
NATURAL GAS INDEX	TZI	0	1,620	-100.0%	0	-
NATURAL GAS PEN SWP	NP	154,751	279,922	-44.7%	175,260	-11.7%
NEPOOL CNCTCT 5MW D AH O	P3	0	4,288	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	233	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	H2	504,517	620,505	-18.7%	517,029	-2.4%
NEPOOL INTR HUB 5MW D AH	U6	34,280	43,718	-21.6%	35,578	-3.6%
NEPOOL NE MASS 5MW D AH O	P8	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	P7	765	0	-	765	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	1,466	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	26,529	-100.0%	0	-
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	8,576	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	781	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,991	1,394	42.8%	1,829	8.9%
NEW YORK ETHANOL SWAP	EZ	2,955	775	281.3%	2,085	41.7%
NEW YORK HUB ZONE G PEAK	GN	2,706	2,877	-5.9%	2,232	21.2%
NEW YORK HUB ZONE J PEAK	JN	770	604	27.5%	1,150	-33.0%
NGPL MID-CONTINENT	NL	21,363	31,456	-32.1%	21,923	-2.6%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	27,215	37,028	-26.5%	27,627	-1.5%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	238	196	21.4%	238	0.0%
N ILLINOIS HUB MTHLY	UM	0	220	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	960	1,860	-48.4%	150	540.0%
NORTHERN NATURAL GAS DEMAR	PE	1,542	2,850	-45.9%	1,710	-9.8%
NORTHERN NATURAL GAS VENTU	PF	1,511	4,876	-69.0%	1,551	-2.6%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	35,183	67,169	-47.6%	36,807	-4.4%
N ROCKIES PIPE SWAP	XR	122	487	-74.9%	150	-18.7%
NY1% VS GC SPREAD SWAP	VR	4,398	8,023	-45.2%	4,848	-9.3%
NY 2.2% FUEL OIL (PLATTS	Y3	0	80	-100.0%	0	-
NY 3.0% FUEL OIL (PLATTS	H1	625	1,000	-37.5%	325	92.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	6,984	11,679	-40.2%	5,792	20.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	840	1,426	-41.1%	180	366.7%

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Energy Futures						
NY HARBOR RESIDUAL FUEL 1	MM	2,477	3,779	-34.5%	3,417	-27.5%
NYH NO 2 CRACK SPREAD CAL	HK	4,386	9,665	-54.6%	4,116	6.6%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	404	344	17.4%	429	-5.8%
NYISO CAPACITY	NNC	854	1,634	-47.7%	990	-13.7%
NYISO CAPACITY	NRS	1,856	1,668	11.3%	1,999	-7.2%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	1,466	-100.0%	0	-
NYISO J OFF-PEAK	KK	0	330	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	K4	58,990	158,310	-62.7%	64,464	-8.5%
NYISO ZONE A 5MW D AH PK	K3	6,498	11,780	-44.8%	6,894	-5.7%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	532,679	356,741	49.3%	502,481	6.0%
NYISO ZONE G 5MW D AH PK	T3	20,838	24,160	-13.8%	22,730	-8.3%
NYISO ZONE J 5MW D AH O P	D4	243,041	281,821	-13.8%	252,816	-3.9%
NYISO ZONE J 5MW D AH PK	D3	17,151	16,198	5.9%	17,591	-2.5%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	649	772	-15.9%	713	-9.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	291	3,943	-92.6%	326	-10.7%
ONEOK OKLAHOMA NG BASIS	8X	612	1,524	-59.8%	668	-8.4%
ONTARIO POWER SWAPS	OFD	0	960	-100.0%	0	-
ONTARIO POWER SWAPS	OFM	0	39,360	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	90	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	1,175	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	12,151	36,594	-66.8%	12,887	-5.7%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	2,258	0	-	2,527	-10.6%
PERMIAN BASIS SWAP	PM	8,854	19,739	-55.1%	9,358	-5.4%
PETROCHEMICALS	22	203	32	534.4%	54	275.9%
PETROCHEMICALS	32	175	72	143.1%	147	19.0%
PETROCHEMICALS	51	3	0	-	3	0.0%
PETROCHEMICALS	8I	5,243	2,374	120.9%	4,530	15.7%
PETROCHEMICALS	91	1,307	547	138.9%	1,177	11.0%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	835	0	-	965	-13.5%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAC	0	40	-100.0%	0	-
PETROCHEMICALS	MAE	250	0	-	150	66.7%
PETROCHEMICALS	MAS	70	30	133.3%	60	16.7%
PETROCHEMICALS	MBE	730	2,105	-65.3%	630	15.9%
PETROCHEMICALS	MNB	3,113	2,116	47.1%	3,148	-1.1%
PETROCHEMICALS	MPS	140	0	-	120	16.7%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	105	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	200	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STS	1,395	100	1,295.0%	1,524	-8.5%
PETRO CRCKS & SPRDS NA	CRB	1,020	970	5.2%	1,110	-8.1%
PETRO CRCKS & SPRDS NA	EXR	3,917	3,497	12.0%	3,996	-2.0%

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Energy Futures						
PETRO CRCKS & SPRDS NA	FOC	950	1,510	-37.1%	875	8.6%
PETRO CRCKS & SPRDS NA	GBB	737	700	5.3%	1,200	-38.6%
PETRO CRCKS & SPRDS NA	GCC	200	400	-50.0%	200	0.0%
PETRO CRCKS & SPRDS NA	GCI	3,774	3,764	0.3%	3,070	22.9%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	27,491	22,876	20.2%	26,523	3.6%
PETRO CRCKS & SPRDS NA	GFC	0	285	-100.0%	0	-
PETRO CRCKS & SPRDS NA	HOB	8,409	12,606	-33.3%	8,067	4.2%
PETRO CRCKS & SPRDS NA	KSD	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	50	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	250	300	-16.7%	375	-33.3%
PETRO CRCKS & SPRDS NA	NYH	0	300	-100.0%	0	-
PETRO CRCKS & SPRDS NA	RBB	16,042	15,982	0.4%	18,255	-12.1%
PETRO CRCKS & SPRDS NA	RVG	22,417	22,816	-1.7%	17,622	27.2%
PETRO CRCKS & SPRDS NA	SF3	171	26	557.7%	24	612.5%
PETRO CRK&SPRD EURO	1NB	4,226	3,539	19.4%	2,575	64.1%
PETRO CRK&SPRD EURO	1ND	100	0	-	100	0.0%
PETRO CRK&SPRD EURO	43	410	143	186.7%	468	-12.4%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	3,925	5,328	-26.3%	3,930	-0.1%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	102	45	126.7%	99	3.0%
PETRO CRK&SPRD EURO	EPN	1,665	605	175.2%	1,592	4.6%
PETRO CRK&SPRD EURO	EVC	7,547	6,648	13.5%	7,624	-1.0%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	50	-100.0%	175	-100.0%
PETRO CRK&SPRD EURO	GOC	79	121	-34.7%	60	31.7%
PETRO CRK&SPRD EURO	MGB	0	40	-100.0%	0	-
PETRO CRK&SPRD EURO	MUD	195	462	-57.8%	128	52.3%
PETRO CRK&SPRD EURO	NBB	5	28	-82.1%	25	-80.0%
PETRO CRK&SPRD EURO	NOB	2,308	1,130	104.2%	2,106	9.6%
PETRO CRK&SPRD EURO	SFB	0	5	-100.0%	0	-
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	12,418	7,999	55.2%	9,827	26.4%
PETROLEUM PRODUCTS	MBS	0	80	-100.0%	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	30	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	18	-100.0%
PETROLEUM PRODUCTS	VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	304	0	-	40	660.0%
PETROLEUM PRODUCTS ASIA	MJN	2,850	2,133	33.6%	2,614	9.0%
PETROLEUM PRODUCTS ASIA	MSB	0	25	-100.0%	0	-
PETRO OUTRIGHT EURO	OB	50	98	-49.0%	20	150.0%
PETRO OUTRIGHT EURO	OC	0	0	-	0	-
PETRO OUTRIGHT EURO	OD	4,109	8,591	-52.2%	4,160	-1.2%
PETRO OUTRIGHT EURO	OE	10	396	-97.5%	0	-
PETRO OUTRIGHT EURO	OF	818	1,846	-55.7%	746	9.7%
PETRO OUTRIGHT EURO	1T	60	0	-	66	-9.1%

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Energy Futures					
PETRO OUTRIGHT EURO	33	176	-100.0%	0	-
PETRO OUTRIGHT EURO	5L	33	-40.0%	10	230.0%
PETRO OUTRIGHT EURO	63	12	-94.3%	20	-40.0%
PETRO OUTRIGHT EURO	6L	0	-100.0%	0	-
PETRO OUTRIGHT EURO	7I	0	-100.0%	64	-100.0%
PETRO OUTRIGHT EURO	7R	429	59	329	30.4%
PETRO OUTRIGHT EURO	88	0	-	50	-100.0%
PETRO OUTRIGHT EURO	CBB	0	-100.0%	20	-100.0%
PETRO OUTRIGHT EURO	CGB	0	-	0	-
PETRO OUTRIGHT EURO	CPB	471	318	402	17.2%
PETRO OUTRIGHT EURO	EFF	0	150	0	-
PETRO OUTRIGHT EURO	EFM	0	199	0	-
PETRO OUTRIGHT EURO	ENS	275	165	250	10.0%
PETRO OUTRIGHT EURO	ESB	0	6	0	-
PETRO OUTRIGHT EURO	EWN	1,416	868	1,545	-8.3%
PETRO OUTRIGHT EURO	FBD	0	20	0	-
PETRO OUTRIGHT EURO	MBB	96	30	40	140.0%
PETRO OUTRIGHT EURO	MBN	2,723	2,760	2,265	20.2%
PETRO OUTRIGHT EURO	SMU	178	0	78	128.2%
PETRO OUTRIGHT EURO	T0	121	794	144	-16.0%
PETRO OUTRIGHT EURO	ULB	0	0	0	-
PETRO OUTRIGHT EURO	V0	480	405	480	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0	-
PETRO OUTRIGHT EURO	X0	0	0	0	-
PETRO OUTRIGHT NA	FCB	7	313	115	-93.9%
PETRO OUTRIGHT NA	FOM	0	0	0	-
PETRO OUTRIGHT NA	GBA	0	0	0	-
PETRO OUTRIGHT NA	GUD	0	0	0	-
PETRO OUTRIGHT NA	JE	327	0	360	-9.2%
PETRO OUTRIGHT NA	JET	1,520	5,231	1,120	35.7%
PETRO OUTRIGHT NA	JTB	450	0	450	0.0%
PETRO OUTRIGHT NA	MBL	42	181	63	-33.3%
PETRO OUTRIGHT NA	MEN	307	339	101	204.0%
PETRO OUTRIGHT NA	MEO	5,067	12,298	4,661	8.7%
PETRO OUTRIGHT NA	MFD	52	0	44	18.2%
PETRO OUTRIGHT NA	MMF	80	235	71	12.7%
PETRO OUTRIGHT NA	NYT	0	625	0	-
PETRO OUTRIGHT NA	XER	0	0	0	-
PJM AD HUB 5MW REAL TIME	V3	291,067	731,496	306,907	-5.2%
PJM AD HUB 5MW REAL TIME	Z9	19,428	36,601	20,528	-5.4%
PJM AECO DA OFF-PEAK	X1	0	13,671	0	-
PJM AECO DA PEAK	Y1	0	765	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	0	-
PJM APS ZONE DA PEAK	S4	0	0	0	-
PJM ATSI ELEC	MOD	15,190	82,085	19,110	-20.5%
PJM ATSI ELEC	MPD	850	4,455	1,070	-20.6%
PJM BGE DA OFF-PEAK	R3	16,171	34,279	18,915	-14.5%
PJM BGE DA PEAK	E3	891	1,870	1,045	-14.7%
PJM COMED 5MW D AH O PK	D9	21,440	117,115	23,400	-8.4%
PJM COMED 5MW D AH PK	D8	1,165	6,485	1,275	-8.6%
PJM DAILY	JD	824	1,066	914	-9.8%
PJM DAYTON DA OFF-PEAK	R7	108,568	221,428	116,779	-7.0%
PJM DAYTON DA PEAK	D7	9,594	19,398	9,990	-4.0%

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Energy Futures						
PJM JCPL DA OFF-PEAK	F2	0	15,190	-100.0%	0	-
PJM JCPL DA PEAK	J2	0	850	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	31,487	61,130	-48.5%	33,867	-7.0%
PJM NI HUB 5MW REAL TIME	B6	600,754	1,657,185	-63.7%	642,642	-6.5%
PJM NILL DA OFF-PEAK	L3	394,022	1,067,107	-63.1%	447,198	-11.9%
PJM NILL DA PEAK	N3	22,795	53,434	-57.3%	25,193	-9.5%
PJM OFF-PEAK LMP SWAP FUT	JP	454	986	-54.0%	496	-8.5%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	53,780	124,595	-56.8%	61,620	-12.7%
PJM PSEG DA PEAK	L6	1,700	5,100	-66.7%	2,140	-20.6%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	370,947	964,582	-61.5%	392,452	-5.5%
PJM WESTHDA PEAK	J4	20,115	54,310	-63.0%	21,325	-5.7%
PJM WESTH RT OFF-PEAK	N9	1,704,851	2,215,355	-23.0%	1,850,579	-7.9%
PJM WESTH RT PEAK	L1	135,633	153,216	-11.5%	141,359	-4.1%
PLASTICS	PGP	1,009	1,455	-30.7%	1,003	0.6%
PREMIUM UNLD 10P FOB MED	3G	896	123	628.5%	484	85.1%
PREMIUM UNLEAD 10PPM FOB	8G	70	10	600.0%	85	-17.6%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	80	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	10	21	-52.4%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	457	990	-53.8%	260	75.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	32,132	32,919	-2.4%	29,067	10.5%
RBOB CALENDAR SWAP	RL	12,213	12,351	-1.1%	12,380	-1.3%
RBOB CRACK SPREAD	RM	5,230	3,074	70.1%	5,400	-3.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	661	184	259.2%	226	192.5%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	30	-100.0%	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,950	4,489	-56.6%	2,295	-15.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	18,213	36,060	-49.5%	19,193	-5.1%
SINGAPORE 180CST BALMO	BS	80	72	11.1%	60	33.3%
SINGAPORE 380CST BALMO	BT	101	282	-64.2%	55	83.6%
SINGAPORE 380CST FUEL OIL	SE	8,770	15,386	-43.0%	9,775	-10.3%
SINGAPORE FUEL 180CST CAL	UA	978	2,641	-63.0%	991	-1.3%
SINGAPORE FUEL OIL SPREAD	SD	932	1,812	-48.6%	537	73.6%
SINGAPORE GASOIL	MTB	6	130	-95.4%	72	-91.7%
SINGAPORE GASOIL	MTS	8,382	9,217	-9.1%	8,666	-3.3%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	3,900	100	3,800.0%	3,898	0.1%
SINGAPORE GASOIL CALENDAR	GDH	50	0	-	50	0.0%
SINGAPORE GASOIL CALENDAR	GDL	250	0	-	250	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	60	-100.0%
SINGAPORE GASOIL CALENDAR	MGO	200	0	-	240	-16.7%
SINGAPORE GASOIL CALENDAR	MSG	3,466	244	1,320.5%	3,516	-1.4%
SINGAPORE GASOIL CALENDAR	SGG	337	0	-	393	-14.2%
SINGAPORE GASOIL SWAP	SG	10,131	19,071	-46.9%	9,805	3.3%
SINGAPORE GASOIL VS ICE	GA	36,510	28,343	28.8%	27,765	31.5%
SINGAPORE JET KERO BALMO	BX	165	257	-35.8%	0	-

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Energy Futures						
SINGAPORE JET KERO GASOIL	RK	9,930	6,830	45.4%	7,405	34.1%
SINGAPORE JET KEROSENE SW	KS	2,505	4,006	-37.5%	1,980	26.5%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	25	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	738	82	800.0%	655	12.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	17,923	20,417	-12.2%	17,676	1.4%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	200	0	-	0	-
SING FUEL	MSD	0	0	-	0	-
SOCAL PIPE SWAP	XN	0	760	-100.0%	0	-
SONAT BASIS SWAP FUTURE	SZ	0	612	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	100	495	-79.8%	110	-9.1%
Sumas Basis Swap	NK	4,850	7,869	-38.4%	5,213	-7.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	612	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	241	0	-	175	37.7%
TC5 RAS TANURA TO YOKOHAM	TH	115	0	-	80	43.8%
TCO BASIS SWAP	TC	9,014	23,816	-62.2%	10,050	-10.3%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	1,005	0	-	669	50.2%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	759	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	490	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	124	1,280	-90.3%	236	-47.5%
TETCO M-3 INDEX	IX	0	5,992	-100.0%	0	-
Tetco STX Basis	TX	612	1,679	-63.5%	668	-8.4%
TEXAS EASTERN ZONE M-3 BA	NX	5,456	21,926	-75.1%	5,820	-6.3%
TEXAS GAS ZONE1 NG BASIS	9F	4,808	12,592	-61.8%	5,276	-8.9%
Transco Zone 3 Basis	CZ	2,816	6,651	-57.7%	3,124	-9.9%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	7,586	24,235	-68.7%	8,454	-10.3%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	2,321	8,526	-72.8%	2,405	-3.5%
TRANSCO ZONE 6 INDEX	IT	0	2,184	-100.0%	0	-
UCM FUT	UCM	60	31	93.5%	60	0.0%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	29	24	20.8%	24	20.8%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	3,995	2,850	40.2%	5,845	-31.7%
UP DOWN GC ULSD VS NMX HO	LT	34,957	48,281	-27.6%	38,982	-10.3%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	5,712	11,180	-48.9%	6,175	-7.5%
WAHA INDEX SWAP FUTURE	IY	0	472	-100.0%	0	-
WESTERN RAIL DELIVERY PRB	QP	180	1,575	-88.6%	325	-44.6%
WTI-BRENT BULLET SWAP	BY	404	704	-42.6%	404	0.0%
WTI-BRENT CALENDAR SWAP	BK	141,188	44,164	219.7%	134,122	5.3%
WTI CALENDAR	CS	167,126	128,372	30.2%	168,588	-0.9%
WTS (ARGUS) VS WTI SWAP	FF	69,615	46,929	48.3%	65,174	6.8%
WTS (ARGUS) VS WTI TRD MT	FH	3,657	2,660	37.5%	4,030	-9.3%
Energy Options						
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-

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Energy Options						
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-
BRENT 1 MONTH CAL	AA	3,000	0	-	0	-
BRENT CALENDAR SWAP	BA	3,306	16,545	-80.0%	3,365	-1.8%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	2,000	-100.0%
BRENT OIL LAST DAY	BE	9,581	3,552	169.7%	9,081	5.5%
BRENT OIL LAST DAY	BZO	163,962	50,598	224.0%	128,453	27.6%
BRENT OIL LAST DAY	OS	1,144	20,276	-94.4%	1,144	0.0%
COAL API2 INDEX	CLA	1,435	3,040	-52.8%	685	109.5%
COAL API2 INDEX	CQA	500	2,150	-76.7%	300	66.7%
COAL API2 INDEX	MTC	0	75	-100.0%	0	-
COAL API4 INDEX	RLA	25	0	-	25	0.0%
COAL API4 INDEX	RQA	90	110	-18.2%	90	0.0%
COAL SWAP	CPF	30	120	-75.0%	30	0.0%
COAL SWAP	RPF	385	850	-54.7%	385	0.0%
CRUDE OIL 1MO	WA	334,650	734,860	-54.5%	387,872	-13.7%
CRUDE OIL APO	AO	452,170	306,587	47.5%	461,822	-2.1%
CRUDE OIL OUTRIGHTS	AH	150	150	0.0%	150	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	6,030	0	-	6,700	-10.0%
CRUDE OIL PHY	CD	0	0	-	0	0.0%
CRUDE OIL PHY	LC	54,328	76,132	-28.6%	52,584	3.3%
CRUDE OIL PHY	LO	2,840,171	2,510,450	13.1%	2,947,281	-3.6%
CRUDE OIL PHY	LO1	3,397	6,619	-48.7%	5,188	-34.5%
CRUDE OIL PHY	LO2	945	1,208	-21.8%	509	85.7%
CRUDE OIL PHY	LO3	232	56	314.3%	370	-37.3%
CRUDE OIL PHY	LO4	76	0	-	81	-6.2%
CRUDE OIL PHY	LO5	0	0	-	0	-
ELEC FINSETTLED	PML	0	0	-	0	-
ELEC MISO PEAK	9T	0	0	-	0	-
ETHANOL	CE1	0	15	-100.0%	0	-
ETHANOL	CE3	0	300	-100.0%	0	-
ETHANOL SWAP	CVR	14,224	12,166	16.9%	13,689	3.9%
ETHANOL SWAP	GVR	2,458	2,659	-7.6%	1,863	31.9%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	30	0	0	-	0	-
GASOLINE	GCE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	24	1,420	-98.3%	128	-81.3%
HEATING OIL PHY	OH	45,391	46,180	-1.7%	59,360	-23.5%
HENRY HUB FINANCIAL LAST	E7	6,213	11,144	-44.2%	5,971	4.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-
LLS CRUDE OIL	WJO	1,900	9,950	-80.9%	1,800	5.6%
LLS CRUDE OIL	YVO	1,500	0	-	2,000	-25.0%
MCCLOSKEY ARA ARGS COAL	MTO	590	770	-23.4%	595	-0.8%
MCCLOSKEY RCH BAY COAL	MFO	575	0	-	475	21.1%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	0	20,300	-100.0%	133,528	-100.0%
NATURAL GAS 2 M CSO FIN	G2	0	850	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	G3	29,200	4,550	541.8%	32,200	-9.3%
NATURAL GAS 5 M CSO FIN	G5	0	1,750	-100.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	24,950	12,150	105.3%	23,000	8.5%

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Energy Options						
NATURAL GAS OPTION ON CALENDAR STRP	6J	5,482	2,798	95.9%	3,982	37.7%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,567,291	2,403,511	-34.8%	2,086,747	-24.9%
NATURAL GAS PHY	ON	65,268	76,063	-14.2%	154,428	-57.7%
NATURAL GAS PHY	ON1	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	1,624	3,330	-51.2%	3,220	-49.6%
NY HARBOR HEAT OIL SWP	AT	17,499	31,940	-45.2%	14,284	22.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	14,910	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	10	-100.0%	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	5,760	0	-	6,480	-11.1%
PETROCHEMICALS	4H	2,483	3,801	-34.7%	3,186	-22.1%
PETROCHEMICALS	4J	1,560	6,040	-74.2%	295	428.8%
PETROCHEMICALS	4K	0	230	-100.0%	325	-100.0%
PETROCHEMICALS	CPR	6	0	-	9	-33.3%
PETRO OUTRIGHT EURO	8H	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	66	0	-	72	-8.3%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,570	2,170	-27.6%	1,550	1.3%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	10,113	14,251	-29.0%	10,588	-4.5%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	375	1,109	-66.2%	75	400.0%
RBOB PHY	OB	8,833	17,293	-48.9%	13,633	-35.2%
RBOB PHY	RF	125	30	316.7%	150	-16.7%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	540	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	880	3,460	-74.6%	2,320	-62.1%
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	425	-100.0%	125	-100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-

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Energy Options						
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	275	-100.0%	0	-
SINGAPORE JET FUEL CALEND	N2	0	890	-100.0%	0	-
SOCAL PIPE SWAP	ZN	0	1,600	-100.0%	0	-
WTI-BRENT BULLET SWAP	BV	320,588	159,200	101.4%	286,616	11.9%
WTI CRUDE OIL 1 M CSO FI	7A	176,627	320,234	-44.8%	223,136	-20.8%
Metals Futures						
COMEX GOLD	GC	529,648	450,477	17.6%	553,562	-4.3%
NYMEX HOT ROLLED STEEL	HR	13,148	12,647	4.0%	13,990	-6.0%
NYMEX PLATINUM	PL	85,074	71,465	19.0%	92,321	-7.8%
PALLADIUM	PA	28,259	27,693	2.0%	35,759	-21.0%
URANIUM	UX	2,964	5,022	-41.0%	4,050	-26.8%
COMEX SILVER	SI	192,118	199,354	-3.6%	198,246	-3.1%
COMEX E-Mini GOLD	QO	721	1,078	-33.1%	566	27.4%
COMEX E-Mini SILVER	QI	174	91	91.2%	110	58.2%
COMEX COPPER	HG	269,196	268,928	0.1%	286,956	-6.2%
COMEX MINY COPPER	QC	138	104	32.7%	334	-58.7%
ALUMINUM	A38	0	70	-100.0%	0	-
ALUMINUM	AEP	13,847	15,774	-12.2%	14,109	-1.9%
ALUMINUM	ALA	1,960	50	3,820.0%	2,295	-14.6%
ALUMINUM	ALI	0	1,182	-100.0%	0	-
ALUMINUM	AUP	33,550	37,191	-9.8%	28,096	19.4%
ALUMINUM	CUP	374	0	-	349	7.2%
ALUMINUM	EDP	10,955	6,736	62.6%	9,985	9.7%
ALUMINUM	MJP	8,662	5,930	46.1%	8,447	2.5%
COPPER	HGS	12,786	1,631	683.9%	11,282	13.3%
E-MICRO GOLD	MGC	8,177	5,554	47.2%	8,038	1.7%
FERROUS PRODUCTS	BUS	5,285	386	1,269.2%	1,987	166.0%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	24	10	140.0%	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	1,540	1,082	42.3%	1,810	-14.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	10,504	16,760	-37.3%	10,777	-2.5%
LNDN ZINC	ZNC	9	5	80.0%	6	50.0%
METALS	LED	0	0	-	0	-
SILVER	SIL	1,949	756	157.8%	1,479	31.8%
Metals Options						
COMEX COPPER	HX	11,587	1,554	645.6%	14,334	-19.2%
COMEX GOLD	OG	973,055	991,662	-1.9%	948,136	2.6%
COMEX SILVER	SO	140,872	97,934	43.8%	151,840	-7.2%
GOLD	OG1	4,408	1,815	142.9%	5,779	-23.7%
GOLD	OG2	1,215	825	47.3%	3,307	-63.3%
GOLD	OG3	252	1,321	-80.9%	1,232	-79.5%
GOLD	OG4	2	62	-96.8%	1	100.0%
GOLD	OG5	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	1,320	0	-	1,530	-13.7%

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Metals Options						
IRON ORE 62 CHINA TSI CALL OPTION	ICT	3,837	12,126	-68.4%	4,520	-15.1%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	1,780	4,820	-63.1%	1,810	-1.7%
NYMEX PLATINUM	PO	4,454	7,661	-41.9%	5,614	-20.7%
PALLADIUM	PAO	1,759	3,086	-43.0%	4,631	-62.0%
SILVER	SO1	78	18	333.3%	23	239.1%
SILVER	SO2	11	6	83.3%	4	175.0%
SILVER	SO3	2	0	-	1	100.0%
SILVER	SO4	50	0	-	0	-
SILVER	SO5	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		0	14	-100.0%	5	-100.0%
Energy Futures		15,130,902	19,574,833	-22.7%	15,957,185	-5.2%
Metals Futures		1,231,062	1,129,976	8.9%	1,284,554	-4.2%
TOTAL FUTURES		16,361,964	20,704,823	-21.0%	17,241,744	-5.1%
TOTAL OPTIONS GROUP						
Energy Options		6,188,782	6,921,992	-10.6%	7,093,945	-12.8%
Metals Options		1,144,682	1,122,890	1.9%	1,142,762	0.2%
TOTAL OPTIONS		7,333,464	8,044,882	-8.8%	8,236,707	-11.0%
TOTAL COMBINED						
Ag Products		0	14	-100.0%	5	-100.0%
Energy		21,319,684	26,496,825	-19.5%	23,051,130	-7.5%
Metals		2,375,744	2,252,866	5.5%	2,427,316	-2.1%
GRAND TOTAL		23,695,428	28,749,705	-17.6%	25,478,451	-7.0%