

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Commodities and Alternative Investments Futures						
COCOA TAS	CJ	4	13	-69.2%	4	0.0%
COFFEE	KT	0	1	-100.0%	0	-
COTTON	TT	1	3	-66.7%	1	0.0%
SUGAR 11	YO	0	1	-100.0%	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,657,783	2,194,908	21.1%	2,463,668	7.9%
CRUDE OIL	WS	2,426	5,526	-56.1%	2,526	-4.0%
MINY WTI CRUDE OIL	QM	4,032	4,256	-5.3%	4,859	-17.0%
BRENT OIL LAST DAY	BZ	206,920	130,335	58.8%	172,294	20.1%
HEATING OIL PHY	HO	469,452	405,989	15.6%	439,305	6.9%
HTG OIL	BH	250	614	-59.3%	269	-7.1%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	452,535	426,771	6.0%	383,668	17.9%
MINY RBOB GAS	QU	0	0	0.0%	0	-
NATURAL GAS	HP	109,997	120,046	-8.4%	115,785	-5.0%
LTD NAT GAS	HH	382,986	362,635	5.6%	389,877	-1.8%
MINY NATURAL GAS	QG	3,646	1,788	103.9%	2,857	27.6%
PJM MONTHLY	JM	1,280	3,836	-66.6%	1,516	-15.6%
NATURAL GAS PHY	NG	1,425,768	1,175,887	21.3%	1,438,202	-0.9%
RBOB GAS	RT	3,769	1,356	177.9%	1,795	110.0%
3.5% FUEL OIL CID MED SWA	7D	192	931	-79.4%	167	15.0%
3.5% FUEL OIL CIF BALMO S	8D	0	25	-100.0%	0	-
AEP-DAYTON HUB DAILY	VD	110	192	-42.7%	152	-27.6%
AEP-DAYTON HUB MTHLY	VM	0	840	-100.0%	70	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	600	-100.0%	50	-100.0%
ALGON CITY GATES NAT GAS	N7	0	2,432	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	59	2,573	-97.7%	90	-34.4%
ANR LOUISIANA BASIS SWAP	ND	0	59	-100.0%	0	-
ANR OKLAHOMA	NE	1,610	3,439	-53.2%	1,703	-5.5%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	58,425	11,503	407.9%	59,466	-1.8%
ARGUS PROPAN FAR EST INDE	7E	4,123	1,528	169.8%	3,330	23.8%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,134	794	42.8%	918	23.5%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	336	882	-61.9%	380	-11.6%
BRENT BALMO SWAP	J9	0	25	-100.0%	0	-
BRENT CALENDAR SWAP	CY	13,312	14,997	-11.2%	15,733	-15.4%
BRENT FINANCIAL FUTURES	BB	3,322	5,642	-41.1%	3,322	0.0%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	48	0	-	48	0.0%
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	550	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	CIL	70	9,310	-99.2%	77	-9.1%
CENTERPOINT BASIS SWAP	PW	8,828	18,721	-52.8%	9,545	-7.5%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	TTF	60	0	-	0	-
CEU ENERGY	UKG	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	64,343	59,739	7.7%	59,409	8.3%

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CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	5C	957	1,280	-25.2%	913	4.8%
CHICAGO UNL GAS PL VS RBO	3C	150	36	316.7%	3	4,900.0%
CIG BASIS	CI	21,683	46,755	-53.6%	23,054	-5.9%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	120	140	-14.3%	120	0.0%
CINERGY HUB PEAK MONTH	EM	288	288	0.0%	288	0.0%
CIN HUB 5MW D AH O PK	K2	137,760	238,800	-42.3%	150,080	-8.2%
CIN HUB 5MW D AH PK	H5	7,953	16,195	-50.9%	8,278	-3.9%
CIN HUB 5MW REAL TIME O P	H4	447,752	652,536	-31.4%	472,840	-5.3%
CIN HUB 5MW REAL TIME PK	H3	36,538	49,533	-26.2%	38,474	-5.0%
COAL SWAP	ACM	60	265	-77.4%	160	-62.5%
COAL SWAP	SSI	0	15	-100.0%	0	-
COLUMB GULF MAINLINE NG B	5Z	4,102	18,474	-77.8%	4,686	-12.5%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-
COLUMBIA GULF ONSHORE	GL	0	15,698	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	934	353	164.6%	1,106	-15.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,105	857	28.9%	1,810	-39.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	17,876	16,897	5.8%	16,714	7.0%
CRUDE OIL	CHB	0	0	-	0	-
CRUDE OIL	LPS	13,460	20,380	-34.0%	15,310	-12.1%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	151	85	77.6%	432	-65.0%
CRUDE OIL OUTRIGHTS	CC5	30	0	-	60	-50.0%
CRUDE OIL OUTRIGHTS	CPD	1,686	0	-	500	237.2%
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	185	1,520	-87.8%	360	-48.6%
CRUDE OIL OUTRIGHTS	DBL	0	200	-100.0%	0	-
CRUDE OIL OUTRIGHTS	FE	0	100	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	45	80	-43.8%	30	50.0%
CRUDE OIL OUTRIGHTS	HTT	101,047	18,847	436.1%	66,885	51.1%
CRUDE OIL OUTRIGHTS	LSW	2,240	0	-	2,325	-3.7%
CRUDE OIL OUTRIGHTS	SSW	30	0	-	60	-50.0%
CRUDE OIL OUTRIGHTS	UMD	1,400	0	-	600	133.3%
CRUDE OIL OUTRIGHTS	UNS	2,438	0	-	1,878	29.8%
CRUDE OIL OUTRIGHTS	WCC	1,670	11,040	-84.9%	1,900	-12.1%
CRUDE OIL OUTRIGHTS	WCW	24,655	0	-	23,683	4.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	38	1,155	250	362.0%	0	-
CRUDE OIL SPRDS	WTT	152,337	28,940	426.4%	99,372	53.3%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	4,320	14,688	-70.6%	20,328	-78.7%
DAILY PJM	IDO	18,480	22,440	-17.6%	21,744	-15.0%
DAILY PJM	NOC	11,424	13,440	-15.0%	27,216	-58.0%
DAILY PJM	PAP	450	1,175	-61.7%	531	-15.3%
DAILY PJM	PEO	9,240	2,200	320.0%	12,232	-24.5%
DAILY PJM	PNO	58,960	70,576	-16.5%	99,568	-40.8%
DAILY PJM	PNP	2,725	3,425	-20.4%	3,483	-21.8%
DAILY PJM	PWO	24,200	72,600	-66.7%	49,560	-51.2%
DAILY PJM	PWP	1,375	4,150	-66.9%	2,140	-35.7%
DAILY PJM	WOR	39,744	22,848	73.9%	46,368	-14.3%
DAILY PJM	ZAO	6,160	13,200	-53.3%	10,288	-40.1%
DAILY PJM	ZGO	33,880	28,600	18.5%	33,544	1.0%

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DAILY PJM	ZJO	11,000	11,000	0.0%	10,600	3.8%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	8,735	10,310	-15.3%	10,005	-12.7%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-
DEMARCO SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	5	0	-	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	2,920	2,920	0.0%	2,920	0.0%
DOMINION TRANSMISSION INC	PG	27,858	59,984	-53.6%	29,811	-6.6%
DUBAI CRUDE OIL BALMO	BI	0	0	-	50	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	7,825	21,870	-64.2%	10,780	-27.4%
DY EURO 3.5% FUEL OI RDA	FOR	0	1,500	-100.0%	0	-
EASTERN RAIL DELIVERY CSX	QX	200	2,005	-90.0%	265	-24.5%
EAST/WEST FUEL OIL SPREAD	EW	15	887	-98.3%	65	-76.9%
EIA FLAT TAX ONHWAY DIESE	A5	2,393	4,213	-43.2%	2,779	-13.9%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	240	0	-	0	-
ELEC ERCOT DLY PEAK	I7	240	0	-	0	-
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC FINSETTLED	47	1,534	2,804	-45.3%	1,634	-6.1%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	3,825	215	1,679.1%	3,825	0.0%
ELEC MISO PEAK	55	0	1,016	-100.0%	80	-100.0%
ELEC NYISO OFF-PEAK	4M	70,200	0	-	70,200	0.0%
ELEC NYISO OFF-PEAK	58	0	18,784	-100.0%	1,696	-100.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	28,064	51,544	-45.6%	30,184	-7.0%
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	3,000	0	-	3,880	-22.7%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	5,760	0	-	8,400	-31.4%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	132,000	0	-	155,520	-15.1%
ERCOT NORTH ZMCPE 5MW PEAK	I5	7,540	430	1,653.5%	5,980	26.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,125	4,411	38.9%	5,988	2.3%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	594	829	-28.3%	171	247.4%
EURO 3.5% FUEL OIL SPREAD	FK	153	2,857	-94.6%	379	-59.6%
EURO-DENOMINATED PETRO PROD	NCP	0	500	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	326	330	-1.2%	245	33.1%
EUROPE 1% FUEL OIL NWE CA	UF	194	254	-23.6%	53	266.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	8	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	410	1,116	-63.3%	571	-28.2%
EUROPE 3.5% FUEL OIL RDAM	UV	11,011	12,778	-13.8%	10,475	5.1%
EUROPEAN GASOIL (ICE)	7F	562	3,537	-84.1%	858	-34.5%
EUROPEAN NAPHTHA BALMO	KZ	336	409	-17.8%	267	25.8%
EUROPEAN NAPHTHA CRACK SPR	EN	15,145	10,342	46.4%	11,481	31.9%

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Energy Futures						
EUROPE DATED BRENT SWAP	UB	587	339	73.2%	662	-11.3%
EUROPE JET KERO NWE CALSWAP	UJ	66	0	-	54	22.2%
EUROPE NAPHTHA CALSWAP	UN	3,502	2,433	43.9%	2,732	28.2%
EURO PROPANE CIF ARA SWA	PS	1,762	1,570	12.2%	1,358	29.7%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	1,708	-100.0%	0	-
FREIGHT MARKETS	FLP	724	1,188	-39.1%	599	20.9%
FREIGHT MARKETS	FRC	95	0	-	0	-
FREIGHT MARKETS	FRS	0	0	-	50	-100.0%
FREIGHT MARKETS	T2D	468	0	-	0	-
FREIGHT MARKETS	TC6	240	0	-	0	-
FUEL OIL CRACK VS ICE	FO	13,842	18,275	-24.3%	14,030	-1.3%
FUEL OIL NWE CRACK VS ICE	FI	156	0	-	0	-
FUEL OIL (PLATS) CAR CM	1W	99	211	-53.1%	3	3,200.0%
FUEL OIL (PLATS) CAR CN	1X	45	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	955	1,041	-8.3%	831	14.9%
GAS EURO-BOB OXY NWE BARGES	7H	5,805	5,693	2.0%	3,663	58.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	28,965	30,537	-5.1%	27,644	4.8%
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	60	-100.0%	5	-100.0%
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	209	45	364.4%	204	2.5%
GASOIL 0.1 ROTTERDAM BARG	VL	55	30	83.3%	60	-8.3%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	612	821	-25.5%	657	-6.8%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	0	75	-100.0%	8	-100.0%
GASOIL CRACK SPREAD CALEN	GZ	24,853	18,079	37.5%	19,382	28.2%
GASOIL MINI CALENDAR SWAP	QA	803	230	249.1%	514	56.2%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	0	300	-100.0%	25	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	12,149	5,972	103.4%	12,997	-6.5%
GRP THREE UNL GS (PLT) VS	A8	4,297	4,315	-0.4%	4,435	-3.1%
GULF COAST 3% FUEL OIL BA	VZ	3,114	311	901.3%	4,130	-24.6%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	827	1,213	-31.8%	911	-9.2%
GULF COAST JET VS NYM 2 H	ME	31,546	33,397	-5.5%	27,091	16.4%
GULF COAST NO.6 FUEL OIL	MF	48,013	56,126	-14.5%	46,449	3.4%
GULF COAST NO.6 FUEL OIL	MG	6,716	6,726	-0.1%	6,442	4.3%
GULF COAST ULSD CALENDAR	LY	1,734	3,479	-50.2%	2,091	-17.1%
GULF COAST ULSD CRACK SPR	GY	1,050	2,833	-62.9%	760	38.2%
HEATING OIL BALMO CLNDR S	1G	19	0	-	161	-88.2%
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	7,528	41,394	-81.8%	3,172	137.3%
HENRY HUB FINANCIAL LAST	NBP	18	0	-	38	-52.6%
HENRY HUB FINANCIAL LAST	TTE	36	0	-	36	0.0%
HENRY HUB INDEX SWAP FUTU	IN	6,192	20,807	-70.2%	1,929	221.0%
HENRY HUB SWAP	NN	1,154,421	1,305,939	-11.6%	1,232,637	-6.3%

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HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	17,907	23,821	-24.8%	18,651	-4.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	3,017	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	53,020	15,518	241.7%	45,877	15.6%
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	15,680	11,200	40.0%	27,496	-43.0%
INDIANA MISO	FTD	6,144	3,936	56.1%	10,416	-41.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	1,116	1,486	-24.9%	1,432	-22.1%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	616	497	23.9%	539	14.3%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	0	-	0	-
ISO NEW ENGLAND OFF-PEAK	KI	0	168	-100.0%	14	-100.0%
ISO NEW ENGLAND PK LMP	NI	0	234	-100.0%	17	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	1,681	1,215	38.4%	2,105	-20.1%
JAPAN C&F NAPHTHA SWAP	JA	2,357	1,543	52.8%	2,032	16.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	50	-100.0%	8	-100.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	29	39	-25.6%	29	0.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	638	368	73.4%	542	17.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	10	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	1M	5,970	4,603	29.7%	3,565	67.5%
LA CARB DIESEL (OPIS)	LX	0	78	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	KL	225	451	-50.1%	250	-10.0%
LA CARBOB GASOLINE(OPIS)S	JL	1,025	250	310.0%	625	64.0%
LA JET FUEL VS NYM NO 2 H	MQ	0	30	-100.0%	0	-
LA JET (OPIS) SWAP	JS	2,265	2,385	-5.0%	1,750	29.4%
LLS (ARGUS) VS WTI SWAP	WJ	23,049	26,108	-11.7%	23,148	-0.4%
MARS (ARGUS) VS WTI SWAP	YX	9,945	13,861	-28.3%	8,289	20.0%
MARS (ARGUS) VS WTI TRD M	YV	33,710	19,380	73.9%	26,245	28.4%
MARS BLEND CRUDE OIL	MB	90	3,074	-97.1%	1,520	-94.1%
MCCLOSKEY ARA ARGS COAL	MTF	42,647	75,926	-43.8%	48,653	-12.3%
MCCLOSKEY RCH BAY COAL	MFF	4,804	15,802	-69.6%	5,743	-16.4%
MGF FUT	MGF	80	0	-	38	110.5%
MGN1 SWAP FUT	MGN	284	551	-48.5%	291	-2.4%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	4,977	12,076	-58.8%	5,355	-7.1%
MICHIGAN MISO	HMO	32,760	150,240	-78.2%	51,840	-36.8%
MICHIGAN MISO	HMW	1,785	10,670	-83.3%	2,885	-38.1%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	366	447	-18.1%	668	-45.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	120	666	-82.0%	120	0.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,497	4,327	-42.3%	2,139	16.7%
MJC FUT	MJC	665	259	156.8%	650	2.3%
MNC FUT	MNC	3,314	4,298	-22.9%	3,448	-3.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	56,021	104,659	-46.5%	57,105	-1.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	250	965	-74.1%	335	-25.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	114,655	126,515	-9.4%	114,064	0.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	5,378	3,160	70.2%	1,292	316.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,976	16,471	21.3%	17,416	14.7%

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Energy Futures						
MONT BELVIEU NATURAL GASOLINE BALMO	R0	500	771	-35.1%	323	54.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	34,940	38,558	-9.4%	41,503	-15.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,601	1,085	47.6%	613	161.2%
NAT GAS BASIS SWAP	TZ6	5,463	12,585	-56.6%	5,835	-6.4%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	8	0	-	12	-33.3%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	1,440	-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	1,992	-100.0%	0	-
NATURAL GAS PEN SWP	NP	175,260	279,366	-37.3%	183,405	-4.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	4,696	-100.0%	424	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	254	-100.0%	20	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	517,029	549,040	-5.8%	502,264	2.9%
NEPOOL INTR HUB 5MW D AH	U6	35,578	38,261	-7.0%	35,588	0.0%
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	1,718	-100.0%	100	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	31,425	-100.0%	2,120	-100.0%
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	9,392	-100.0%	848	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	928	-100.0%	40	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	1,829	1,271	43.9%	1,694	8.0%
NEW YORK ETHANOL SWAP	EZ	2,085	1,550	34.5%	2,090	-0.2%
NEW YORK HUB ZONE G PEAK	GN	2,232	4,284	-47.9%	1,881	18.7%
NEW YORK HUB ZONE J PEAK	JN	1,150	341	237.2%	1,221	-5.8%
NGPL MID-CONTINENT	NL	21,923	32,093	-31.7%	22,143	-1.0%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	27,627	38,764	-28.7%	21,876	26.3%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	238	196	21.4%	240	-0.8%
N ILLINOIS HUB MTHLY	UM	0	240	-100.0%	20	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	150	1,671	-91.0%	100	50.0%
NORTHERN NATURAL GAS DEMAR	PE	1,710	2,936	-41.8%	1,896	-9.8%
NORTHERN NATURAL GAS VENTU	PF	1,551	5,212	-70.2%	1,494	3.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	36,807	70,447	-47.8%	38,605	-4.7%
N ROCKIES PIPE SWAP	XR	150	515	-70.9%	181	-17.1%
NY1% VS GC SPREAD SWAP	VR	4,848	8,236	-41.1%	5,218	-7.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	300	-100.0%	0	-
NY 3.0% FUEL OIL (PLATTS	H1	325	975	-66.7%	150	116.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	5,792	13,963	-58.5%	6,837	-15.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	180	1,927	-90.7%	390	-53.8%
NY HARBOR RESIDUAL FUEL 1	MM	3,417	4,219	-19.0%	4,048	-15.6%
NYH NO 2 CRACK SPREAD CAL	HK	4,116	10,167	-59.5%	4,888	-15.8%

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Energy Futures						
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	429	270	58.9%	397	8.1%
NYISO CAPACITY	NNC	990	1,575	-37.1%	1,116	-11.3%
NYISO CAPACITY	NRS	1,999	1,732	15.4%	2,142	-6.7%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	1,571	-100.0%	100	-100.0%
NYISO J OFF-PEAK	KK	0	360	-100.0%	30	-100.0%
NYISO ZONE A 5MW D AH O P	K4	64,464	169,560	-62.0%	69,392	-7.1%
NYISO ZONE A 5MW D AH PK	K3	6,894	11,910	-42.1%	7,354	-6.3%
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	502,481	326,016	54.1%	529,585	-5.1%
NYISO ZONE G 5MW D AH PK	T3	22,730	24,540	-7.4%	23,750	-4.3%
NYISO ZONE J 5MW D AH O P	D4	252,816	174,096	45.2%	261,616	-3.4%
NYISO ZONE J 5MW D AH PK	D3	17,591	11,581	51.9%	18,191	-3.3%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	713	620	15.0%	726	-1.8%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	326	5,289	-93.8%	608	-46.4%
ONEOK OKLAHOMA NG BASIS	8X	668	1,708	-60.9%	730	-8.5%
ONTARIO POWER SWAPS	OFD	0	960	-100.0%	1,680	-100.0%
ONTARIO POWER SWAPS	OFM	0	42,880	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	60	-100.0%	35	-100.0%
ONTARIO POWER SWAPS	OPM	0	1,265	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	12,887	38,118	-66.2%	13,659	-5.7%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	2,527	0	-	2,796	-9.6%
PERMIAN BASIS SWAP	PM	9,358	20,495	-54.3%	9,916	-5.6%
PETROCHEMICALS	22	54	106	-49.1%	209	-74.2%
PETROCHEMICALS	32	147	212	-30.7%	66	122.7%
PETROCHEMICALS	51	3	0	-	0	-
PETROCHEMICALS	8I	4,530	2,078	118.0%	4,593	-1.4%
PETROCHEMICALS	91	1,177	423	178.3%	1,112	5.8%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	965	0	-	900	7.2%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	150	10	1,400.0%	160	-6.3%
PETROCHEMICALS	MAS	60	65	-7.7%	40	50.0%
PETROCHEMICALS	MBE	630	2,270	-72.2%	285	121.1%
PETROCHEMICALS	MNB	3,148	2,617	20.3%	3,886	-19.0%
PETROCHEMICALS	MPS	120	0	-	110	9.1%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	50	-100.0%
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	1,524	150	916.0%	1,315	15.9%
PETRO CRCKS & SPRDS NA	CRB	1,110	988	12.3%	1,098	1.1%
PETRO CRCKS & SPRDS NA	EXR	3,996	3,482	14.8%	3,324	20.2%
PETRO CRCKS & SPRDS NA	FOC	875	1,855	-52.8%	1,115	-21.5%
PETRO CRCKS & SPRDS NA	GBB	1,200	800	50.0%	650	84.6%

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Energy Futures						
PETRO CRCKS & SPRDS NA	GCC	200	725	-72.4%	50	300.0%
PETRO CRCKS & SPRDS NA	GCI	3,070	4,581	-33.0%	2,372	29.4%
PETRO CRCKS & SPRDS NA	GCM	0	22	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCU	26,523	23,633	12.2%	20,693	28.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	20	-100.0%
PETRO CRCKS & SPRDS NA	HOB	8,067	13,090	-38.4%	10,438	-22.7%
PETRO CRCKS & SPRDS NA	KSD	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	375	400	-6.3%	375	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	450	-100.0%	0	-
PETRO CRCKS & SPRDS NA	RBB	18,255	17,115	6.7%	17,032	7.2%
PETRO CRCKS & SPRDS NA	RVG	17,622	20,266	-13.0%	14,169	24.4%
PETRO CRCKS & SPRDS NA	SF3	24	36	-33.3%	9	166.7%
PETRO CRK&SPRD EURO	1NB	2,575	3,401	-24.3%	1,987	29.6%
PETRO CRK&SPRD EURO	1ND	100	0	-	275	-63.6%
PETRO CRK&SPRD EURO	43	468	266	75.9%	123	280.5%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	3,930	5,011	-21.6%	3,654	7.6%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	99	27	266.7%	18	450.0%
PETRO CRK&SPRD EURO	EPN	1,592	625	154.7%	1,272	25.2%
PETRO CRK&SPRD EURO	EVC	7,624	7,119	7.1%	7,272	4.8%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	175	150	16.7%	0	-
PETRO CRK&SPRD EURO	GOC	60	139	-56.8%	28	114.3%
PETRO CRK&SPRD EURO	MGB	0	40	-100.0%	80	-100.0%
PETRO CRK&SPRD EURO	MUD	128	410	-68.8%	177	-27.7%
PETRO CRK&SPRD EURO	NBB	25	10	150.0%	5	400.0%
PETRO CRK&SPRD EURO	NOB	2,106	1,190	77.0%	1,924	9.5%
PETRO CRK&SPRD EURO	SFB	0	125	-100.0%	0	-
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	9,827	8,590	14.4%	7,501	31.0%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	0	-	30	-100.0%
PETROLEUM PRODUCTS	MPE	18	0	-	18	0.0%
PETROLEUM PRODUCTS	VU	0	489	-100.0%	171	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	40	15	166.7%	0	-
PETROLEUM PRODUCTS ASIA	MJN	2,614	1,903	37.4%	1,794	45.7%
PETROLEUM PRODUCTS ASIA	MSB	0	5	-100.0%	0	-
PETRO OUTRIGHT EURO	0B	20	138	-85.5%	20	0.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	4,160	9,656	-56.9%	4,653	-10.6%
PETRO OUTRIGHT EURO	0E	0	741	-100.0%	33	-100.0%
PETRO OUTRIGHT EURO	0F	746	1,652	-54.8%	694	7.5%
PETRO OUTRIGHT EURO	1T	66	0	-	54	22.2%
PETRO OUTRIGHT EURO	33	0	180	-100.0%	12	-100.0%
PETRO OUTRIGHT EURO	5L	10	154	-93.5%	0	-

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Energy Futures						
PETRO OUTRIGHT EURO	63	20	115	-82.6%	82	-75.6%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	64	317	-79.8%	50	28.0%
PETRO OUTRIGHT EURO	7R	329	321	2.5%	152	116.4%
PETRO OUTRIGHT EURO	88	50	0	-	0	-
PETRO OUTRIGHT EURO	CBB	20	5	300.0%	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	402	442	-9.0%	507	-20.7%
PETRO OUTRIGHT EURO	EFF	0	25	-100.0%	13	-100.0%
PETRO OUTRIGHT EURO	EFM	0	279	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	250	120	108.3%	250	0.0%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	1,545	691	123.6%	1,097	40.8%
PETRO OUTRIGHT EURO	FBD	0	20	-100.0%	0	-
PETRO OUTRIGHT EURO	MBB	40	60	-33.3%	0	-
PETRO OUTRIGHT EURO	MBN	2,265	2,612	-13.3%	1,978	14.5%
PETRO OUTRIGHT EURO	SMU	78	0	-	0	-
PETRO OUTRIGHT EURO	T0	144	738	-80.5%	197	-26.9%
PETRO OUTRIGHT EURO	ULB	0	375	-100.0%	0	-
PETRO OUTRIGHT EURO	V0	480	405	18.5%	25	1,820.0%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	115	0	-	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	GBA	0	0	-	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-
PETRO OUTRIGHT NA	JE	360	0	-	370	-2.7%
PETRO OUTRIGHT NA	JET	1,120	5,574	-79.9%	1,359	-17.6%
PETRO OUTRIGHT NA	JTB	450	0	-	125	260.0%
PETRO OUTRIGHT NA	MBL	63	175	-64.0%	84	-25.0%
PETRO OUTRIGHT NA	MEN	101	887	-88.6%	100	1.0%
PETRO OUTRIGHT NA	MEO	4,661	9,543	-51.2%	4,091	13.9%
PETRO OUTRIGHT NA	MFD	44	35	25.7%	44	0.0%
PETRO OUTRIGHT NA	MMF	71	306	-76.8%	90	-21.1%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	306,907	783,189	-60.8%	324,547	-5.4%
PJM AD HUB 5MW REAL TIME	Z9	20,528	37,735	-45.6%	21,203	-3.2%
PJM AECO DA OFF-PEAK	X1	0	17,343	-100.0%	0	-
PJM AECO DA PEAK	Y1	0	954	-100.0%	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-
PJM APS ZONE DA PEAK	S4	0	0	-	0	-
PJM ATSI ELEC	MOD	19,110	37,325	-48.8%	27,590	-30.7%
PJM ATSI ELEC	MPD	1,070	2,010	-46.8%	1,470	-27.2%
PJM BGE DA OFF-PEAK	R3	18,915	34,687	-45.5%	21,035	-10.1%
PJM BGE DA PEAK	E3	1,045	1,891	-44.7%	1,145	-8.7%
PJM COMED 5MW D AH O PK	D9	23,400	133,435	-82.5%	25,520	-8.3%
PJM COMED 5MW D AH PK	D8	1,275	7,325	-82.6%	1,375	-7.3%
PJM DAILY	JD	914	868	5.3%	946	-3.4%
PJM DAYTON DA OFF-PEAK	R7	116,779	206,155	-43.4%	124,171	-6.0%
PJM DAYTON DA PEAK	D7	9,990	23,243	-57.0%	10,350	-3.5%
PJM JCPL DA OFF-PEAK	F2	0	19,270	-100.0%	0	-
PJM JCPL DA PEAK	J2	0	1,060	-100.0%	0	-

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Energy Futures						
PJM NI HUB 5MW REAL TIME	B3	33,867	64,986	-47.9%	31,385	7.9%
PJM NI HUB 5MW REAL TIME	B6	642,642	1,605,825	-60.0%	689,290	-6.8%
PJM NILL DA OFF-PEAK	L3	447,198	1,137,232	-60.7%	494,366	-9.5%
PJM NILL DA PEAK	N3	25,193	48,663	-48.2%	27,373	-8.0%
PJM OFF-PEAK LMP SWAP FUT	JP	496	1,028	-51.8%	538	-7.8%
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	61,620	126,635	-51.3%	70,100	-12.1%
PJM PSEG DA PEAK	L6	2,140	5,100	-58.0%	2,540	-15.7%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	392,452	1,044,457	-62.4%	374,567	4.8%
PJM WESTHDA PEAK	J4	21,325	59,232	-64.0%	21,150	0.8%
PJM WESTH RT OFF-PEAK	N9	1,850,579	2,288,111	-19.1%	2,024,410	-8.6%
PJM WESTH RT PEAK	L1	141,359	165,224	-14.4%	148,383	-4.7%
PLASTICS	PGP	1,003	1,466	-31.6%	1,112	-9.8%
PREMIUM UNLD 10P FOB MED	3G	484	137	253.3%	343	41.1%
PREMIUM UNLEAD 10PPM FOB	8G	85	6	1,316.7%	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	260	1,716	-84.8%	325	-20.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	29,067	38,103	-23.7%	28,591	1.7%
RBOB CALENDAR SWAP	RL	12,380	14,413	-14.1%	13,671	-9.4%
RBOB CRACK SPREAD	RM	5,400	3,319	62.7%	4,895	10.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	226	1,027	-78.0%	1,746	-87.1%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	33	-100.0%	2	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	2,295	3,618	-36.6%	2,694	-14.8%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	19,193	37,628	-49.0%	20,278	-5.4%
SINGAPORE 180CST BALMO	BS	60	0	-	100	-40.0%
SINGAPORE 380CST BALMO	BT	55	69	-20.3%	165	-66.7%
SINGAPORE 380CST FUEL OIL	SE	9,775	14,896	-34.4%	10,578	-7.6%
SINGAPORE FUEL 180CST CAL	UA	991	2,589	-61.7%	1,227	-19.2%
SINGAPORE FUEL OIL SPREAD	SD	537	1,681	-68.1%	710	-24.4%
SINGAPORE GASOIL	MTB	72	238	-69.7%	39	84.6%
SINGAPORE GASOIL	MTS	8,666	6,757	28.3%	8,440	2.7%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	3,898	100	3,798.0%	273	1,327.8%
SINGAPORE GASOIL CALENDAR	GDH	50	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	250	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	60	0	-	60	0.0%
SINGAPORE GASOIL CALENDAR	MGO	240	0	-	130	84.6%
SINGAPORE GASOIL CALENDAR	MSG	3,516	218	1,512.8%	378	830.2%
SINGAPORE GASOIL CALENDAR	SGG	393	0	-	168	133.9%
SINGAPORE GASOIL SWAP	SG	9,805	20,764	-52.8%	9,104	7.7%
SINGAPORE GASOIL VS ICE	GA	27,765	23,393	18.7%	2,206	1,158.6%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	7,405	6,890	7.5%	1,195	519.7%
SINGAPORE JET KEROSENE SW	KS	1,980	2,365	-16.3%	1,783	11.0%

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Energy Futures						
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	25	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	655	75	773.3%	545	20.2%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	17,676	21,865	-19.2%	13,062	35.3%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SING FUEL	MSD	0	10	-100.0%	0	-
SOCAL PIPE SWAP	XN	0	1,520	-100.0%	0	-
SONAT BASIS SWAP FUTURE	SZ	0	668	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	110	523	-79.0%	120	-8.3%
Sumas Basis Swap	NK	5,213	8,037	-35.1%	5,836	-10.7%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	668	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	175	0	-	200	-12.5%
TC5 RAS TANURA TO YOKOHAM	TH	80	0	-	75	6.7%
TCO BASIS SWAP	TC	10,050	24,790	-59.5%	11,259	-10.7%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	669	0	-	390	71.5%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	843	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	546	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	236	1,504	-84.3%	360	-34.4%
TETCO M-3 INDEX	IX	0	5,992	-100.0%	0	-
Tetco STX Basis	TX	668	1,791	-62.7%	730	-8.5%
TEXAS EASTERN ZONE M-3 BA	NX	5,820	23,102	-74.8%	6,223	-6.5%
TEXAS GAS ZONE1 NG BASIS	9F	5,276	13,260	-60.2%	5,760	-8.4%
Transco Zone 3 Basis	CZ	3,124	6,959	-55.1%	3,465	-9.8%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	8,454	25,690	-67.1%	9,415	-10.2%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	2,405	8,454	-71.6%	2,498	-3.7%
TRANSCO ZONE 6 INDEX	IT	0	1,576	-100.0%	0	-
UCM FUT	UCM	60	30	100.0%	73	-17.8%
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	24	21	14.3%	32	-25.0%
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	5,845	7,295	-19.9%	8,950	-34.7%
UP DOWN GC ULSD VS NMX HO	LT	38,982	50,228	-22.4%	38,866	0.3%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	6,175	12,050	-48.8%	7,582	-18.6%
WAHA INDEX SWAP FUTURE	IY	0	720	-100.0%	0	-
WESTERN RAIL DELIVERY PRB	QP	325	1,515	-78.5%	470	-30.9%
WTI-BRENT BULLET SWAP	BY	404	704	-42.6%	654	-38.2%
WTI-BRENT CALENDAR SWAP	BK	134,122	46,637	187.6%	102,252	31.2%
WTI CALENDAR	CS	168,588	125,399	34.4%	157,168	7.3%
WTS (ARGUS) VS WTI SWAP	FF	65,174	47,646	36.8%	58,692	11.0%
WTS (ARGUS) VS WTI TRD MT	FH	4,030	2,470	63.2%	4,433	-9.1%
Energy Options						
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	3,365	15,807	-78.7%	3,579	-6.0%
BRENT CRUDE OIL 12 M CSO	9Y	2,000	0	-	0	-

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Energy Options						
BRENT OIL LAST DAY	BE	9,081	3,482	160.8%	14,126	-35.7%
BRENT OIL LAST DAY	BZO	128,453	38,956	229.7%	114,798	11.9%
BRENT OIL LAST DAY	OS	1,144	20,276	-94.4%	1,164	-1.7%
COAL API2 INDEX	CLA	685	2,285	-70.0%	260	163.5%
COAL API2 INDEX	CQA	300	2,120	-85.8%	150	100.0%
COAL API2 INDEX	MTC	0	75	-100.0%	0	-
COAL API4 INDEX	RLA	25	0	-	0	-
COAL API4 INDEX	RQA	90	110	-18.2%	30	200.0%
COAL SWAP	CPF	30	80	-62.5%	30	0.0%
COAL SWAP	RPF	385	850	-54.7%	385	0.0%
CRUDE OIL 1MO	WA	387,872	750,890	-48.3%	377,664	2.7%
CRUDE OIL APO	AO	461,822	299,167	54.4%	441,149	4.7%
CRUDE OIL OUTRIGHTS	AH	150	150	0.0%	150	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	6,700	0	-	7,370	-9.1%
CRUDE OIL PHY	CD	0	0	0.0%	0	-
CRUDE OIL PHY	LC	52,584	68,758	-23.5%	45,606	15.3%
CRUDE OIL PHY	LO	2,947,281	2,582,541	14.1%	2,509,416	17.4%
CRUDE OIL PHY	LO1	5,188	2,016	157.3%	2,175	138.5%
CRUDE OIL PHY	LO2	509	330	54.2%	368	38.3%
CRUDE OIL PHY	LO3	370	30	1,133.3%	581	-36.3%
CRUDE OIL PHY	LO4	81	0	-	0	-
CRUDE OIL PHY	LO5	0	0	-	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	13,689	15,839	-13.6%	14,067	-2.7%
ETHANOL SWAP	GVR	1,863	2,988	-37.7%	2,077	-10.3%
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	128	741	-82.7%	233	-45.1%
HEATING OIL PHY	OH	59,360	52,108	13.9%	53,085	11.8%
HENRY HUB FINANCIAL LAST	E7	5,971	11,365	-47.5%	6,141	-2.8%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-
LLS CRUDE OIL	WJO	1,800	7,975	-77.4%	1,800	0.0%
LLS CRUDE OIL	YVO	2,000	0	-	2,500	-20.0%
MCCLOSKEY ARA ARGS COAL	MTO	595	820	-27.4%	850	-30.0%
MCCLOSKEY RCH BAY COAL	MFO	475	0	-	275	72.7%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	133,528	61,925	115.6%	131,862	1.3%
NATURAL GAS 2 M CSO FIN	G2	0	600	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	G3	32,200	1,600	1,912.5%	31,201	3.2%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	23,000	9,100	152.7%	16,850	36.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	3,982	2,678	48.7%	1,810	120.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,086,747	2,538,881	-17.8%	2,194,015	-4.9%
NATURAL GAS PHY	ON	154,428	127,717	20.9%	143,545	7.6%

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Energy Options						
NATURAL GAS PHY	ON1	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	3,220	4,978	-35.3%	4,987	-35.4%
NY HARBOR HEAT OIL SWP	AT	14,284	35,414	-59.7%	14,024	1.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	7,390	-100.0%	2,800	-100.0%
NYMEX EUROPEAN GASOIL APO	F7	0	20	-100.0%	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	6,480	0	-	7,200	-10.0%
PETROCHEMICALS	4H	3,186	4,101	-22.3%	4,817	-33.9%
PETROCHEMICALS	4J	295	6,555	-95.5%	855	-65.5%
PETROCHEMICALS	4K	325	460	-29.3%	450	-27.8%
PETROCHEMICALS	CPR	9	0	-	12	-25.0%
PETRO OUTRIGHT EURO	8H	0	0	-	50	-100.0%
PETRO OUTRIGHT NA	DAP	72	0	-	72	0.0%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,550	1,750	-11.4%	1,550	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	-
PJM WES HUB PEAK LMP 50MW	PMA	10,588	10,485	1.0%	12,130	-12.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	0.0%
RBOB CALENDAR SWAP	RA	75	1,143	-93.4%	75	0.0%
RBOB PHY	OB	13,633	11,975	13.8%	12,107	12.6%
RBOB PHY	RF	150	20	650.0%	150	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	600	-100.0%	40	-100.0%
SAN JUAN PIPE SWAP	PJ	2,320	4,812	-51.8%	3,910	-40.7%
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	125	300	-58.3%	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	300	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	0.0%

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Energy Options						
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	-
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	-
SINGAPORE GASOIL CALENDAR	M2	0	300	-100.0%	25	-100.0%
SINGAPORE JET FUEL CALENDAR	N2	0	1,020	-100.0%	40	-100.0%
SOCAL PIPE SWAP	ZN	0	3,200	-100.0%	0	-
WTI-BRENT BULLET SWAP	BV	286,616	149,268	92.0%	226,666	26.4%
WTI CRUDE OIL 1 M CSO FI	7A	223,136	358,764	-37.8%	237,020	-5.9%
Metals Futures						
COMEX GOLD	GC	553,562	401,586	37.8%	494,896	11.9%
NYMEX HOT ROLLED STEEL	HR	13,990	12,422	12.6%	12,487	12.0%
NYMEX PLATINUM	PL	92,321	64,783	42.5%	82,135	12.4%
PALLADIUM	PA	35,759	28,596	25.0%	37,419	-4.4%
URANIUM	UX	4,050	4,275	-5.3%	3,900	3.8%
COMEX SILVER	SI	198,246	187,630	5.7%	194,009	2.2%
COMEX E-Mini GOLD	QO	566	1,112	-49.1%	761	-25.6%
COMEX E-Mini SILVER	QI	110	133	-17.3%	113	-2.7%
COMEX COPPER	HG	286,956	292,253	-1.8%	285,342	0.6%
COMEX MINY COPPER	QC	334	168	98.8%	273	22.3%
ALUMINUM	A38	0	56	-100.0%	0	-
ALUMINUM	AEP	14,109	11,549	22.2%	15,359	-8.1%
ALUMINUM	ALA	2,295	60	3,725.0%	2,710	-15.3%
ALUMINUM	ALI	0	1,152	-100.0%	31	-100.0%
ALUMINUM	AUP	28,096	35,145	-20.1%	26,731	5.1%
ALUMINUM	CUP	349	0	-	329	6.1%
ALUMINUM	EDP	9,985	7,272	37.3%	10,201	-2.1%
ALUMINUM	MJP	8,447	6,296	34.2%	9,052	-6.7%
COPPER	HGS	11,282	1,608	601.6%	7,736	45.8%
E-MICRO GOLD	MGC	8,038	3,690	117.8%	7,436	8.1%
FERROUS PRODUCTS	BUS	1,987	302	557.9%	615	223.1%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	18	-100.0%	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	1,810	880	105.7%	2,720	-33.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	10,777	17,504	-38.4%	11,385	-5.3%
LNDN ZINC	ZNC	6	5	20.0%	11	-45.5%
METALS	LED	0	0	-	0	-
SILVER	SIL	1,479	928	59.4%	1,248	18.5%
Metals Options						
COMEX COPPER	HX	14,334	4,381	227.2%	11,891	20.5%
COMEX GOLD	OG	948,136	914,378	3.7%	823,512	15.1%
COMEX SILVER	SO	151,840	111,063	36.7%	116,700	30.1%
GOLD	OG1	5,779	1,250	362.3%	3,605	60.3%
GOLD	OG2	3,307	623	430.8%	1,754	88.5%
GOLD	OG3	1,232	44	2,700.0%	905	36.1%
GOLD	OG4	1	0	-	0	-
GOLD	OG5	0	0	-	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	1,530	0	-	1,530	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	4,520	10,946	-58.7%	6,000	-24.7%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	1,810	2,700	-33.0%	3,530	-48.7%
NYMEX PLATINUM	PO	5,614	6,694	-16.1%	5,079	10.5%
PALLADIUM	PAO	4,631	5,469	-15.3%	3,406	36.0%



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Metals Options						
SILVER	SO1	23	11	109.1%	4	475.0%
SILVER	SO2	4	0	-	0	-
SILVER	SO3	1	0	-	0	-
SILVER	SO4	0	0	-	0	-
SILVER	SO5	0	0	-	0	0.0%
TOTAL FUTURES GROUP						
Commodities and Alternative Investments Futures		5	18	-72.2%	5	0.0%
Energy Futures		15,957,185	19,495,563	-18.1%	16,081,169	-0.8%
Metals Futures		1,284,554	1,079,423	19.0%	1,206,899	6.4%
TOTAL FUTURES		17,241,744	20,575,004	-16.2%	17,288,073	-0.3%
TOTAL OPTIONS GROUP						
Energy Options		7,093,945	7,225,130	-1.8%	6,648,592	6.7%
Metals Options		1,142,762	1,057,559	8.1%	977,916	16.9%
TOTAL OPTIONS		8,236,707	8,282,689	-0.6%	7,626,508	8.0%
TOTAL COMBINED						
Commodities and Alternative Investments		5	18	-72.2%	5	0.0%
Energy		23,051,130	26,720,693	-13.7%	22,729,761	1.4%
Metals		2,427,316	2,136,982	13.6%	2,184,815	11.1%
GRAND TOTAL		25,478,451	28,857,693	-11.7%	24,914,581	2.3%