

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest JUL 2019	Open Interest JUL 2018	% CHG	Open Interest JUN 2019	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	2	0	-	4	-50.0%
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,055,140	2,358,174	-12.9%	2,020,929	1.7%
CRUDE OIL	WS	286	572	-50.0%	286	0.0%
MINY WTI CRUDE OIL	QM	3,696	4,690	-21.2%	6,046	-38.9%
BRENT OIL LAST DAY	BZ	240,143	197,874	21.4%	246,199	-2.5%
HEATING OIL PHY	HO	425,248	395,920	7.4%	378,052	12.5%
HTG OIL	BH	172	220	-21.8%	137	25.5%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	401,138	470,601	-14.8%	367,751	9.1%
MINY RBOB GAS	QU	0	0	-	1	-100.0%
NATURAL GAS	HP	79,778	78,338	1.8%	84,593	-5.7%
LTD NAT GAS	HH	334,298	440,270	-24.1%	356,608	-6.3%
MINY NATURAL GAS	QG	5,354	1,130	373.8%	4,262	25.6%
PJM MONTHLY	JM	240	1,100	-78.2%	280	-14.3%
NATURAL GAS PHY	NG	1,338,108	1,541,421	-13.2%	1,291,955	3.6%
RBOB GAS	RT	104	112	-7.1%	100	4.0%
3.5% FUEL OIL CID MED SWA	7D	44	198	-77.8%	92	-52.2%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	38	82	-53.7%	38	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-
ANR OKLAHOMA	NE	0	823	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	E5	25,300	45,218	-44.0%	27,008	-6.3%
ARGUS PROPAN FAR EST INDE	7E	5,558	5,028	10.5%	5,390	3.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,586	1,613	-1.7%	1,596	-0.6%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	24	192	-87.5%	28	-14.3%
BRENT BALMO SWAP	J9	50	135	-63.0%	200	-75.0%
BRENT CALENDAR SWAP	CY	31,206	19,100	63.4%	30,013	4.0%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	158	3,466	-95.4%	158	0.0%
BRENT FINANCIAL FUTURES	MBC	209	127	64.6%	82	154.9%
BRENT FINANCIAL FUTURES	MDB	0	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	0	-	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-
CANADIAN LIGHT SWEET OIL	CIL	0	28	-100.0%	0	-
CENTERPOINT BASIS SWAP	PW	468	5,251	-91.1%	577	-18.9%
CHICAGO ETHANOL SWAP	CU	46,069	58,446	-21.2%	50,653	-9.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	5C	3,241	1,456	122.6%	3,409	-4.9%
CHICAGO UNL GAS PL VS RBO	3C	489	550	-11.1%	466	4.9%

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Energy Futures						
CIG BASIS	CI	2,790	13,454	-79.3%	3,360	-17.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	60	-100.0%	0	-
CINERGY HUB PEAK MONTH	EM	0	144	-100.0%	0	-
CIN HUB 5MW D AH O PK	K2	0	56,000	-100.0%	0	-
CIN HUB 5MW D AH PK	H5	566	6,443	-91.2%	816	-30.6%
CIN HUB 5MW REAL TIME O P	H4	82,104	288,024	-71.5%	91,904	-10.7%
CIN HUB 5MW REAL TIME PK	H3	8,689	25,782	-66.3%	10,119	-14.1%
COAL SWAP	ACM	0	35	-100.0%	0	-
COAL SWAP	SSI	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	845	1,665	-49.2%	900	-6.1%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	973	1,089	-10.7%	1,135	-14.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,285	1,808	-28.9%	1,447	-11.2%
CONWAY PROPANE 5 DECIMALS SWAP	8K	25,427	26,824	-5.2%	25,455	-0.1%
CRUDE OIL	LPS	19,425	21,450	-9.4%	19,875	-2.3%
CRUDE OIL OUTRIGHTS	42	42	243	-82.7%	414	-89.9%
CRUDE OIL OUTRIGHTS	CC5	1,586	0	-	1,280	23.9%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	2,170	0	-	2,705	-19.8%
CRUDE OIL OUTRIGHTS	DBL	400	0	-	400	0.0%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	161	0	-	184	-12.5%
CRUDE OIL OUTRIGHTS	HTT	157,331	137,098	14.8%	149,066	5.5%
CRUDE OIL OUTRIGHTS	LSW	1,371	700	95.9%	1,647	-16.8%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UMD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UNS	0	300	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCC	0	640	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCW	11,561	17,025	-32.1%	13,035	-11.3%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	3,072	0	-	3,659	-16.0%
CRUDE OIL SPRDS	38	0	1,230	-100.0%	0	-
CRUDE OIL SPRDS	HIL	720	0	-	720	0.0%
CRUDE OIL SPRDS	WTT	137,476	171,381	-19.8%	125,596	9.5%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	2,112	2,880	-26.7%	3,168	-33.3%
DAILY PJM	IDO	15,056	14,848	1.4%	16,064	-6.3%
DAILY PJM	NOC	1,824	12,864	-85.8%	2,736	-33.3%
DAILY PJM	PAP	270	700	-61.4%	270	0.0%
DAILY PJM	PEO	2,400	3,712	-35.3%	2,640	-9.1%
DAILY PJM	PNO	16,320	21,808	-25.2%	17,952	-9.1%
DAILY PJM	PNP	1,053	1,540	-31.6%	1,053	0.0%
DAILY PJM	PWO	15,360	21,808	-29.6%	16,896	-9.1%
DAILY PJM	PWP	864	1,316	-34.3%	864	0.0%
DAILY PJM	WOR	12,384	24,000	-48.4%	8,928	38.7%
DAILY PJM	ZAO	960	6,496	-85.2%	1,056	-9.1%
DAILY PJM	ZGO	25,440	26,448	-3.8%	27,984	-9.1%
DAILY PJM	ZJO	14,400	11,600	24.1%	15,840	-9.1%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	995	4,790	-79.2%	1,690	-41.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-

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DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	1,472	-100.0%	0	-
DOMINION TRANSMISSION INC	PG	6,202	18,719	-66.9%	6,822	-9.1%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	2,090	3,675	-43.1%	4,955	-57.8%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	3,819	133	2,771.4%	3,000	27.3%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	0	135	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	EW	47	107	-56.1%	41	14.6%
EIA FLAT TAX ONHWAY DIESE	A5	1,798	1,858	-3.2%	1,750	2.7%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	300	-100.0%	0	-
ELEC ERCOT DLY PEAK	I7	0	300	-100.0%	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	770	1,278	-39.7%	810	-4.9%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	0	1,905	-100.0%	0	-
ELEC MISO PEAK	55	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	35,775	-100.0%	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	14,082	23,474	-40.0%	14,882	-5.4%
ELECTRICITY OFF PEAK	4P	47,380	0	-	55,380	-14.4%
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	1,150	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	6,720	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	55,440	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	2,100	-100.0%	0	-
ETHANOL	MTH	0	0	-	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	220	110	100.0%	395	-44.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,447	4,859	-8.5%	4,530	-1.8%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	77	678	-88.6%	6	1,183.3%
EURO 3.5% FUEL OIL SPREAD	FK	42	189	-77.8%	65	-35.4%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	0	281	-100.0%	0	-
EUROPE 1% FUEL OIL NWE CA	UF	300	192	56.2%	391	-23.3%
EUROPE 1% FUEL OIL RDAM C	UH	3	3	0.0%	3	0.0%
EUROPE 3.5% FUEL OIL MED	UI	55	238	-76.9%	92	-40.2%
EUROPE 3.5% FUEL OIL RDAM	UV	5,186	13,072	-60.3%	5,860	-11.5%
EUROPEAN GASOIL (ICE)	7F	54	179	-69.8%	35	54.3%
EUROPEAN NAPHTHA BALMO	KZ	181	400	-54.8%	133	36.1%
EUROPEAN NAPHTHA CRACK SPR	EN	11,038	16,025	-31.1%	11,024	0.1%
EUROPE DATED BRENT SWAP	UB	525	75	600.0%	985	-46.7%
EUROPE JET KERO NWE CALSW	UJ	20	24	-16.7%	23	-13.0%
EUROPE NAPHTHA CALSWAP	UN	2,406	3,140	-23.4%	2,705	-11.1%
EURO PROPANE CIF ARA SWA	PS	2,288	1,673	36.8%	2,129	7.5%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-
FREIGHT MARKETS	ACB	420	0	-	0	-

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Energy Futures						
FREIGHT MARKETS	FLP	895	714	25.4%	772	15.9%
FREIGHT MARKETS	FRC	620	315	96.8%	510	21.6%
FREIGHT MARKETS	FRS	70	0	-	70	0.0%
FREIGHT MARKETS	T2D	1,820	1,219	49.3%	1,965	-7.4%
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	70	30	133.3%	20	250.0%
FREIGHT MARKETS	TD8	0	0	-	10	-100.0%
FREIGHT MARKETS	USC	60	0	-	0	-
FUEL OIL CRACK VS ICE	FO	8,577	12,448	-31.1%	8,409	2.0%
FUEL OIL NWE CRACK VS ICE	FI	156	171	-8.8%	161	-3.1%
FUEL OIL (PLATS) CAR CM	1W	6	84	-92.9%	6	0.0%
FUEL OIL (PLATS) CAR CN	1X	0	105	-100.0%	0	-
FUELOIL SWAP:CARGOES VS.B	FS	776	779	-0.4%	923	-15.9%
GAS EURO-BOB OXY NWE BARGES	7H	5,317	6,456	-17.6%	5,555	-4.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	24,916	34,315	-27.4%	26,633	-6.4%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	5	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	6	102	-94.1%	11	-45.5%
GASOIL 0.1 ROTTERDAM BARG	VL	46	220	-79.1%	53	-13.2%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	24	285	-91.6%	25	-4.0%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	54	30	80.0%	50	8.0%
GASOIL CRACK SPREAD CALEN	GZ	12,231	19,416	-37.0%	12,072	1.3%
GASOIL MINI CALENDAR SWAP	QA	823	744	10.6%	647	27.2%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	1,161	57	1,936.8%	1,238	-6.2%
GROUP THREE ULSD (PLATTS)	A7	27	132	-79.5%	33	-18.2%
GROUP THREE UNLEAD GAS (P	A9	0	375	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	A6	9,682	9,176	5.5%	10,013	-3.3%
GRP THREE UNL GS (PLT) VS	A8	2,859	3,918	-27.0%	3,701	-22.8%
GULF COAST 3% FUEL OIL BA	VZ	791	1,671	-52.7%	324	144.1%
GULF COAST JET FUEL CLNDR	GE	459	864	-46.9%	535	-14.2%
GULF COAST JET VS NYM 2 H	ME	29,216	28,821	1.4%	32,335	-9.6%
GULF COAST NO.6 FUEL OIL	MF	19,516	50,165	-61.1%	20,885	-6.6%
GULF COAST NO.6 FUEL OIL	MG	905	9,272	-90.2%	926	-2.3%
GULF COAST ULSD CALENDAR	LY	1,602	1,546	3.6%	1,723	-7.0%
GULF COAST ULSD CRACK SPR	GY	390	895	-56.4%	430	-9.3%
HEATING OIL BALMO CLNDR S	1G	40	0	-	480	-91.7%
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	4,262	1,348	216.2%	6,432	-33.7%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	-
HENRY HUB FINANCIAL LAST	TTE	0	21	-100.0%	0	-
HENRY HUB INDEX SWAP FUTU	IN	6,370	2,224	186.4%	11,472	-44.5%
HENRY HUB SWAP	NN	909,863	1,106,868	-17.8%	947,252	-3.9%
HOUSTON SHIP CHANNEL BASI	NH	8,456	13,895	-39.1%	8,983	-5.9%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	42,525	49,382	-13.9%	42,420	0.2%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	0	3,698	-100.0%	0	-
INDIANA MISO	FAD	0	16,520	-100.0%	0	-

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INDIANA MISO	FTD	2,400	6,720	-64.3%	3,600	-33.3%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	720	1,393	-48.3%	540	33.3%
INDIANA MISO	PTD	455	581	-21.7%	455	0.0%
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	764	215	255.3%	874	-12.6%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	JB	121	256	-52.7%	121	0.0%
JAPAN C&F NAPHTHA SWAP	JA	1,477	2,662	-44.5%	1,539	-4.0%
JAPAN NAPHTHA BALMO SWAP	E6	10	185	-94.6%	3	233.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	12	-100.0%	0	-
JET CIF NWE VS ICE	JC	201	552	-63.6%	243	-17.3%
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	4,165	2,915	42.9%	4,744	-12.2%
JKM LNG Futures	JKM	6,002	2,660	125.6%	5,462	9.9%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	KL	51	900	-94.3%	82	-37.8%
LA CARBOB GASOLINE(OPIS)S	JL	525	150	250.0%	325	61.5%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	1,385	2,085	-33.6%	2,022	-31.5%
LLS (ARGUS) CALENDAR SWAP	XA	379	0	-	399	-5.0%
LLS (ARGUS) VS WTI SWAP	WJ	17,559	35,012	-49.8%	19,541	-10.1%
LOS ANGELES CARB GASOLINE	MH	10	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	4,990	8,715	-42.7%	5,915	-15.6%
MARS (ARGUS) VS WTI TRD M	YV	22,369	17,981	24.4%	25,877	-13.6%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	20,839	37,668	-44.7%	22,983	-9.3%
MCCLOSKEY RCH BAY COAL	MFF	3,031	5,316	-43.0%	3,867	-21.6%
MGF FUT	MGF	0	10	-100.0%	0	-
MGN1 SWAP FUT	MGN	390	447	-12.8%	410	-4.9%
MICHIGAN BASIS	NF	1,556	3,359	-53.7%	1,587	-2.0%
MICHIGAN MISO	HMO	0	16,688	-100.0%	0	-
MICHIGAN MISO	HMW	0	889	-100.0%	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	114	552	-79.3%	223	-48.9%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	815	-100.0%	560	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	4,135	3,215	28.6%	5,462	-24.3%
MJC FUT	MJC	210	330	-36.4%	240	-12.5%
MNC FUT	MNC	5,911	4,963	19.1%	6,605	-10.5%
MONT BELVIEU ETHANE 5 DECIMAL	C0	39,704	44,621	-11.0%	39,543	0.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	155	300	-48.3%	225	-31.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	138,200	124,863	10.7%	136,034	1.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,568	2,422	-35.3%	2,957	-47.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	16,455	19,064	-13.7%	16,063	2.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	815	215	279.1%	935	-12.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	55,277	47,792	15.7%	53,667	3.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,010	2,259	-55.3%	469	115.4%
NAT GAS BASIS SWAP	TZ6	1,071	3,779	-71.7%	1,288	-16.8%
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	-	0	-
NATURAL GAS INDEX	TZI	0	0	-	0	-
NATURAL GAS PEN SWP	NP	134,703	161,440	-16.6%	136,716	-1.5%

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Energy Futures						
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-
NEPOOL INTR HUB 5MW D AH	H2	340,681	459,909	-25.9%	353,617	-3.7%
NEPOOL INTR HUB 5MW D AH	U6	18,903	28,869	-34.5%	19,651	-3.8%
NEPOOL NE MASS 5MW D AH O	P8	7,107	14,040	-49.4%	8,307	-14.4%
NEPOOL NE MASS 5MW D AH P	P7	384	765	-49.8%	444	-13.5%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,056	2,006	-47.4%	1,232	-14.3%
NEW YORK ETHANOL SWAP	EZ	1,592	1,855	-14.2%	1,486	7.1%
NEW YORK HUB ZONE G PEAK	GN	1,254	2,958	-57.6%	1,188	5.6%
NEW YORK HUB ZONE J PEAK	JN	1,705	1,360	25.4%	1,760	-3.1%
NGPL MID-CONTINENT	NL	8,264	16,961	-51.3%	9,132	-9.5%
NGPL TEX/OK	PD	11,597	20,888	-44.5%	13,702	-15.4%
N ILLINOIS HUB DAILY	UD	98	178	-44.9%	98	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	195	-100.0%	125	-100.0%
NORTHERN NATURAL GAS DEMAR	PE	184	836	-78.0%	246	-25.2%
NORTHERN NATURAL GAS VENTU	PF	552	1,420	-61.1%	738	-25.2%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	7,341	25,910	-71.7%	8,705	-15.7%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	2,108	5,113	-58.8%	2,010	4.9%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	H1	0	300	-100.0%	150	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	25	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	8,289	8,256	0.4%	13,473	-38.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	840	300	180.0%	865	-2.9%
NY HARBOR RESIDUAL FUEL 1	MM	1,124	2,212	-49.2%	1,115	0.8%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	2,310	4,788	-51.8%	2,712	-14.8%
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	615	327	88.1%	662	-7.1%
NYISO CAPACITY	NNC	90	630	-85.7%	118	-23.7%
NYISO CAPACITY	NRS	157	1,045	-85.0%	192	-18.2%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	0	-	0	-
NYISO J OFF-PEAK	KK	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	12,514	31,774	-60.6%	13,298	-5.9%
NYISO ZONE A 5MW D AH PK	K3	1,008	4,554	-77.9%	1,272	-20.8%
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	409,914	639,262	-35.9%	430,690	-4.8%
NYISO ZONE G 5MW D AH PK	T3	22,870	28,260	-19.1%	17,331	32.0%
NYISO ZONE J 5MW D AH O P	D4	61,566	194,441	-68.3%	73,326	-16.0%
NYISO ZONE J 5MW D AH PK	D3	4,996	13,901	-64.1%	6,096	-18.0%
NYMEX ALUMINUM FUTURES	AN	396	612	-35.3%	396	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	634	316	100.6%	888	-28.6%

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Energy Futures						
ONEOK OKLAHOMA NG BASIS	8X	0	306	-100.0%	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	30	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	2,659	8,418	-68.4%	3,031	-12.3%
PANHANDLE PIPE SWAP	XH	0	985	-100.0%	0	-
PERMIAN BASIS SWAP	PM	3,784	6,588	-42.6%	3,908	-3.2%
PETROCHEMICALS	22	154	138	11.6%	78	97.4%
PETROCHEMICALS	32	115	61	88.5%	108	6.5%
PETROCHEMICALS	3NA	23	0	-	25	-8.0%
PETROCHEMICALS	51	42	3	1,300.0%	12	250.0%
PETROCHEMICALS	8I	4,779	6,040	-20.9%	4,746	0.7%
PETROCHEMICALS	91	848	649	30.7%	888	-4.5%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	MAA	30	0	-	150	-80.0%
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	1,039	368	182.3%	624	66.5%
PETROCHEMICALS	MAS	516	176	193.2%	548	-5.8%
PETROCHEMICALS	MBE	415	795	-47.8%	475	-12.6%
PETROCHEMICALS	MNB	2,008	4,310	-53.4%	2,066	-2.8%
PETROCHEMICALS	MPS	849	320	165.3%	826	2.8%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	50	0	-	50	0.0%
PETRO CRCKS & SPRDS ASIA	STR	690	0	-	690	0.0%
PETRO CRCKS & SPRDS ASIA	STS	232	886	-73.8%	241	-3.7%
PETRO CRCKS & SPRDS NA	CRB	7,925	5,380	47.3%	6,675	18.7%
PETRO CRCKS & SPRDS NA	EXR	3,931	3,706	6.1%	3,828	2.7%
PETRO CRCKS & SPRDS NA	FOC	1,950	550	254.5%	1,400	39.3%
PETRO CRCKS & SPRDS NA	GBB	1,150	1,520	-24.3%	448	156.7%
PETRO CRCKS & SPRDS NA	GCC	0	390	-100.0%	55	-100.0%
PETRO CRCKS & SPRDS NA	GCI	2,339	3,233	-27.7%	2,334	0.2%
PETRO CRCKS & SPRDS NA	GCM	0	21	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCU	12,323	31,705	-61.1%	12,775	-3.5%
PETRO CRCKS & SPRDS NA	GFC	0	15	-100.0%	0	-
PETRO CRCKS & SPRDS NA	HOB	8,078	5,570	45.0%	9,462	-14.6%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	75	0	-	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	16,737	14,503	15.4%	19,169	-12.7%
PETRO CRCKS & SPRDS NA	RVG	16,934	22,099	-23.4%	16,812	0.7%
PETRO CRCKS & SPRDS NA	SF3	166	45	268.9%	136	22.1%
PETRO CRK&SPRD EURO	1NB	2,088	3,804	-45.1%	2,651	-21.2%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	3	410	-99.3%	27	-88.9%
PETRO CRK&SPRD EURO	BFR	0	0	-	20	-100.0%
PETRO CRK&SPRD EURO	BOB	2,588	4,603	-43.8%	2,893	-10.5%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	28	70	-60.0%	25	12.0%
PETRO CRK&SPRD EURO	EPN	1,490	1,449	2.8%	1,409	5.7%

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Energy Futures						
PETRO CRK&SPRD EURO	EVC	2,617	6,280	-58.3%	2,556	2.4%
PETRO CRK&SPRD EURO	FBT	0	0	-	20	-100.0%
PETRO CRK&SPRD EURO	FVB	30	30	0.0%	30	0.0%
PETRO CRK&SPRD EURO	GCB	135	0	-	0	-
PETRO CRK&SPRD EURO	GOC	18	24	-25.0%	19	-5.3%
PETRO CRK&SPRD EURO	MGB	30	0	-	70	-57.1%
PETRO CRK&SPRD EURO	MUD	80	154	-48.1%	70	14.3%
PETRO CRK&SPRD EURO	NBB	0	10	-100.0%	0	-
PETRO CRK&SPRD EURO	NOB	1,569	2,195	-28.5%	1,699	-7.7%
PETRO CRK&SPRD EURO	SFB	0	15	-100.0%	0	-
PETROLEUM PRODUCTS	1NM	240	0	-	230	4.3%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	3,250	4,794	-32.2%	4,095	-20.6%
PETROLEUM PRODUCTS	JCC	20	0	-	20	0.0%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	0	0	-	0	-
PETROLEUM PRODUCTS	VU	50	66	-24.2%	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	130	-100.0%	18	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	2,614	2,336	11.9%	2,422	7.9%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTRIGHT EURO	OB	88	34	158.8%	78	12.8%
PETRO OUTRIGHT EURO	OC	0	0	-	0	-
PETRO OUTRIGHT EURO	OD	2,870	5,059	-43.3%	3,456	-17.0%
PETRO OUTRIGHT EURO	OE	20	25	-20.0%	5	300.0%
PETRO OUTRIGHT EURO	OF	564	936	-39.7%	739	-23.7%
PETRO OUTRIGHT EURO	1T	20	24	-16.7%	23	-13.0%
PETRO OUTRIGHT EURO	33	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	10	-100.0%	10	-100.0%
PETRO OUTRIGHT EURO	63	0	25	-100.0%	10	-100.0%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	50	120	-58.3%	75	-33.3%
PETRO OUTRIGHT EURO	7R	39	230	-83.0%	51	-23.5%
PETRO OUTRIGHT EURO	88	25	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	112	10	1,020.0%	202	-44.6%
PETRO OUTRIGHT EURO	EFF	0	0	-	6	-100.0%
PETRO OUTRIGHT EURO	EFM	9	0	-	9	0.0%
PETRO OUTRIGHT EURO	ENS	51	120	-57.5%	76	-32.9%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	634	1,292	-50.9%	844	-24.9%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	GES	0	0	-	0	-
PETRO OUTRIGHT EURO	H5G	120	0	-	60	100.0%
PETRO OUTRIGHT EURO	MBB	0	10	-100.0%	0	-
PETRO OUTRIGHT EURO	MBN	2,457	4,307	-43.0%	2,445	0.5%
PETRO OUTRIGHT EURO	MEF	833	0	-	1,121	-25.7%
PETRO OUTRIGHT EURO	R53	54	0	-	48	12.5%
PETRO OUTRIGHT EURO	R5M	384	0	-	340	12.9%

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Energy Futures						
PETRO OUTRIGHT EURO	R5O	136	0	-	131	3.8%
PETRO OUTRIGHT EURO	S5M	137	0	-	61	124.6%
PETRO OUTRIGHT EURO	SMU	500	78	541.0%	0	-
PETRO OUTRIGHT EURO	T0	9	63	-85.7%	9	0.0%
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	480	-100.0%	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	230	38	505.3%	32	618.8%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	JE	60	180	-66.7%	67	-10.4%
PETRO OUTRIGHT NA	JET	3,330	2,450	35.9%	3,755	-11.3%
PETRO OUTRIGHT NA	JTB	775	625	24.0%	125	520.0%
PETRO OUTRIGHT NA	MBL	0	34	-100.0%	0	-
PETRO OUTRIGHT NA	MEN	48	444	-89.2%	167	-71.3%
PETRO OUTRIGHT NA	MEO	4,472	4,913	-9.0%	3,247	37.7%
PETRO OUTRIGHT NA	MFD	295	35	742.9%	285	3.5%
PETRO OUTRIGHT NA	MMF	140	64	118.8%	233	-39.9%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	183,994	259,162	-29.0%	192,618	-4.5%
PJM AD HUB 5MW REAL TIME	Z9	15,363	21,844	-29.7%	15,781	-2.6%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-
PJM AECO DA PEAK	Y1	0	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	0	0	-	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-
PJM BGE DA OFF-PEAK	R3	0	4,770	-100.0%	0	-
PJM BGE DA PEAK	E3	0	254	-100.0%	0	-
PJM COMED 5MW D AH O PK	D9	0	11,925	-100.0%	0	-
PJM COMED 5MW D AH PK	D8	0	635	-100.0%	0	-
PJM DAILY	JD	918	990	-7.3%	934	-1.7%
PJM DAYTON DA OFF-PEAK	R7	54,645	82,928	-34.1%	56,605	-3.5%
PJM DAYTON DA PEAK	D7	3,410	7,195	-52.6%	3,630	-6.1%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	5,519	19,364	-71.5%	6,597	-16.3%
PJM NI HUB 5MW REAL TIME	B6	60,923	353,838	-82.8%	68,371	-10.9%
PJM NILL DA OFF-PEAK	L3	53,890	233,974	-77.0%	67,218	-19.8%
PJM NILL DA PEAK	N3	3,276	14,491	-77.4%	4,134	-20.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	244	-100.0%	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	2,560	0	-	2,960	-13.5%
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	59,225	21,480	175.7%	69,225	-14.4%
PJM PSEG DA PEAK	L6	3,200	0	-	3,700	-13.5%
PJM WESTH DA OFF-PEAK	E4	99,084	273,371	-63.8%	111,628	-11.2%
PJM WESTHDA PEAK	J4	5,322	14,695	-63.8%	6,026	-11.7%
PJM WESTH RT OFF-PEAK	N9	603,367	1,345,230	-55.1%	653,935	-7.7%
PJM WESTH RT PEAK	L1	87,236	87,111	0.1%	97,480	-10.5%
PLASTICS	PGP	3,411	715	377.1%	3,329	2.5%
PREMIUM UNLD 10P FOB MED	3G	238	426	-44.1%	260	-8.5%

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Energy Futures						
PREMIUM UNLEAD 10PPM FOB	8G	10	31	-67.7%	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	30	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,078	473	127.9%	1,442	-25.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	62,405	52,624	18.6%	61,928	0.8%
RBOB CALENDAR SWAP	RL	14,972	18,636	-19.7%	17,307	-13.5%
RBOB CRACK SPREAD	RM	4,173	6,399	-34.8%	4,496	-7.2%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	821	374	119.5%	1,084	-24.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	75	930	-91.9%	75	0.0%
SAN JUAN BASIS SWAP	NJ	2,910	12,945	-77.5%	3,623	-19.7%
SAN JUAN PIPE SWAP	XX	0	360	-100.0%	0	-
SINGAPORE 180CST BALMO	BS	15	45	-66.7%	5	200.0%
SINGAPORE 380CST BALMO	BT	343	323	6.2%	26	1,219.2%
SINGAPORE 380CST FUEL OIL	SE	4,864	12,908	-62.3%	5,287	-8.0%
SINGAPORE FUEL 180CST CAL	UA	416	1,213	-65.7%	481	-13.5%
SINGAPORE FUEL OIL SPREAD	SD	205	1,229	-83.3%	201	2.0%
SINGAPORE GASOIL	MAF	3,669	0	-	3,165	15.9%
SINGAPORE GASOIL	MTB	25	46	-45.7%	51	-51.0%
SINGAPORE GASOIL	MTS	6,075	7,418	-18.1%	5,781	5.1%
SINGAPORE GASOIL	STZ	0	2,550	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	270	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	406	30	1,253.3%	287	41.5%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	1,102	7,910	-86.1%	1,327	-17.0%
SINGAPORE GASOIL VS ICE	GA	10,405	45,861	-77.3%	12,515	-16.9%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	3,525	11,710	-69.9%	4,235	-16.8%
SINGAPORE JET KEROSENE SW	KS	1,510	2,520	-40.1%	1,685	-10.4%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	50	570	-91.2%	50	0.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	12,371	15,107	-18.1%	15,664	-21.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	0	15	-100.0%	0	-
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	50	-100.0%	0	-
Sumas Basis Swap	NK	1,189	3,860	-69.2%	1,313	-9.4%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	630	180	250.0%	354	78.0%
TC5 RAS TANURA TO YOKOHAM	TH	1,184	0	-	1,104	7.2%
TCO BASIS SWAP	TC	2,568	6,157	-58.3%	2,940	-12.7%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	13,213	3,250	306.6%	12,125	9.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
TETCO M-3 INDEX	IX	0	0	-	0	-

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Energy Futures						
Tetco STX Basis	TX	0	306	-100.0%	0	-
TEXAS EASTERN ZONE M-3 BA	NX	1,220	3,833	-68.2%	1,282	-4.8%
TEXAS GAS ZONE1 NG BASIS	9F	0	2,404	-100.0%	0	-
Transco Zone 3 Basis	CZ	0	1,377	-100.0%	0	-
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	2,207	5,039	-56.2%	2,343	-5.8%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	1,130	-100.0%	0	-
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-
UCM FUT	UCM	0	10	-100.0%	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	60	140	-57.1%	80	-25.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,770	3,980	19.8%	4,500	6.0%
UP DOWN GC ULSD VS NMX HO	LT	46,978	38,816	21.0%	47,441	-1.0%
WAHA BASIS	NW	1,205	3,950	-69.5%	1,429	-15.7%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	0	175	-100.0%	0	-
WTI-BRENT BULLET SWAP	BY	2,119	6,704	-68.4%	2,604	-18.6%
WTI-BRENT CALENDAR SWAP	BK	171,327	122,393	40.0%	185,499	-7.6%
WTI CALENDAR	CS	181,363	177,213	2.3%	185,191	-2.1%
WTS (ARGUS) VS WTI SWAP	FF	65,472	59,822	9.4%	64,027	2.3%
WTS (ARGUS) VS WTI TRD MT	FH	4,845	4,608	5.1%	5,524	-12.3%
Energy Options						
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	8,401	6,460	30.0%	8,978	-6.4%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	18,390	118,556	-84.5%	23,850	-22.9%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	52,725	107,197	-50.8%	64,775	-18.6%
BRENT OIL LAST DAY	BZO	168,780	169,772	-0.6%	192,632	-12.4%
BRENT OIL LAST DAY	OS	50	1,122	-95.5%	50	0.0%
COAL API2 INDEX	CLA	330	3,215	-89.7%	280	17.9%
COAL API2 INDEX	CQA	150	1,660	-91.0%	0	-
COAL API2 INDEX	MTC	0	0	-	0	-
COAL API4 INDEX	RLA	0	25	-100.0%	0	-
COAL API4 INDEX	RQA	0	0	-	0	-
COAL SWAP	CPF	0	10	-100.0%	0	-
COAL SWAP	RPF	0	125	-100.0%	0	-
CRUDE OIL	6Y	150	0	-	150	0.0%
CRUDE OIL 1MO	WA	647,481	442,700	46.3%	564,481	14.7%
CRUDE OIL APO	AO	367,013	416,857	-12.0%	381,202	-3.7%
CRUDE OIL CALNDR STRIP	6F	200	170	17.6%	200	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	2,680	-100.0%	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	45,299	40,457	12.0%	43,738	3.6%
CRUDE OIL PHY	LO	2,365,235	2,979,076	-20.6%	2,404,664	-1.6%
CRUDE OIL PHY	LO1	5,205	4,989	4.3%	4,477	16.3%

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Energy Options						
CRUDE OIL PHY	LO2	2,087	826	152.7%	218	857.3%
CRUDE OIL PHY	LO3	101	1,133	-91.1%	386	-73.8%
CRUDE OIL PHY	LO4	96	0	-	0	0.0%
CRUDE OIL PHY	LO5	0	0	-	0	-
ELEC MISO PEAK	9T	0	0	-	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	150	-100.0%	0	-
ETHANOL SWAP	CVR	16,260	11,133	46.1%	15,337	6.0%
ETHANOL SWAP	GVR	1,560	2,496	-37.5%	1,680	-7.1%
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	229	400	-42.8%	327	-30.0%
HEATING OIL PHY	OH	53,265	42,576	25.1%	53,374	-0.2%
HENRY HUB FINANCIAL LAST	E7	9,798	5,578	75.7%	9,840	-0.4%
HO 1 MONTH CLNDR OPTIONS	FA	500	0	-	1,000	-50.0%
LLS CRUDE OIL	WJO	0	1,500	-100.0%	0	-
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	225	-100.0%	0	-
MCCLOSKEY RCH BAY COAL	MFO	450	430	4.7%	450	0.0%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	68,850	22,570	205.1%	28,000	145.9%
NATURAL GAS 2 M CSO FIN	G2	825	0	-	625	32.0%
NATURAL GAS 3 M CSO FIN	G3	36,550	40,720	-10.2%	39,050	-6.4%
NATURAL GAS 5 M CSO FIN	G5	1,100	0	-	1,100	0.0%
NATURAL GAS 6 M CSO FIN	G6	12,250	5,550	120.7%	12,100	1.2%
NATURAL GAS OPTION ON CALENDAR STRP	6J	16,164	12,686	27.4%	10,904	48.2%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,687,686	1,678,716	0.5%	1,666,847	1.3%
NATURAL GAS PHY	ON	81,795	97,746	-16.3%	68,145	20.0%
NATURAL GAS WINTER STRIP	6I	1,300	0	-	1,300	0.0%
N ROCKIES PIPE SWAP	ZR	3,384	2,278	48.6%	2,424	39.6%
NY HARBOR HEAT OIL SWP	AT	13,445	15,711	-14.4%	14,530	-7.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	2,400	-100.0%	0	-
PETROCHEMICALS	4H	4,744	2,788	70.2%	4,805	-1.3%
PETROCHEMICALS	4J	650	1,410	-53.9%	725	-10.3%
PETROCHEMICALS	4K	80	1,050	-92.4%	80	0.0%
PETROCHEMICALS	CPR	20	0	-	20	0.0%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	24	0	-	24	0.0%
PETRO OUTRIGHT NA	DAP	756	36	2,000.0%	682	10.9%
PJM WES HUB PEAK CAL MTH	6OA	1,260	1,780	-29.2%	1,200	5.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	555	6,803	-91.8%	1,061	-47.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	172	525	-67.2%	144	19.4%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	17,260	10,790	60.0%	18,555	-7.0%
RBOB PHY	RF	3	125	-97.6%	14	-78.6%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-

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Energy Options						
SAN JUAN PIPE SWAP	PJ	1,878	2,198	-14.6%	1,274	47.4%
SHORT TERM	C15	0	0	-	0	-
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	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	-
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	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	115,935	198,561	-41.6%	113,735	1.9%
WTI CRUDE OIL 1 M CSO FI	7A	148,335	136,550	8.6%	163,460	-9.3%
Metals Futures						
COMEX GOLD	GC	564,084	454,891	24.0%	580,855	-2.9%
NYMEX HOT ROLLED STEEL	HR	19,031	14,521	31.1%	16,661	14.2%
NYMEX PLATINUM	PL	77,143	82,168	-6.1%	84,971	-9.2%
PALLADIUM	PA	25,822	22,231	16.2%	23,352	10.6%
URANIUM	UX	2,824	2,965	-4.8%	2,761	2.3%
COMEX SILVER	SI	236,226	227,415	3.9%	218,355	8.2%
COMEX E-Mini GOLD	QO	1,063	2,676	-60.3%	1,476	-28.0%
COMEX E-Mini SILVER	QI	537	464	15.7%	172	212.2%
COMEX COPPER	HG	273,394	301,147	-9.2%	247,503	10.5%
COMEX MINY COPPER	QC	102	63	61.9%	92	10.9%
ALUMINUM	A38	98	0	-	100	-2.0%
ALUMINUM	AEP	10,117	12,564	-19.5%	10,409	-2.8%

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Metals Futures						
ALUMINUM	ALA	480	3,030	-84.2%	505	-5.0%
ALUMINUM	ALI	93	0	-	0	-
ALUMINUM	AUP	23,527	31,936	-26.3%	22,988	2.3%
ALUMINUM	CUP	0	60	-100.0%	0	-
ALUMINUM	EDP	10,248	10,528	-2.7%	9,658	6.1%
ALUMINUM	MJP	6,812	8,556	-20.4%	5,806	17.3%
COPPER	HGS	10,876	12,244	-11.2%	11,632	-6.5%
E-MICRO GOLD	MGC	18,126	9,074	99.8%	18,308	-1.0%
FERROUS PRODUCTS	BUS	2,845	2,606	9.2%	3,228	-11.9%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	480	-100.0%	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	6,652	10,187	-34.7%	6,787	-2.0%
LNDN ZINC	ZNC	3	32	-90.6%	12	-75.0%
SILVER	SIL	2,012	1,560	29.0%	1,885	6.7%
Metals Options						
COMEX COPPER	HX	38,839	23,551	64.9%	38,504	0.9%
COMEX GOLD	OG	1,560,943	1,204,727	29.6%	1,488,083	4.9%
COMEX SILVER	SO	211,302	202,544	4.3%	180,743	16.9%
COPPER	H1E	14	6	133.3%	0	-
COPPER	H2E	62	0	-	0	-
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	0.0%
COPPER	H5E	0	0	-	0	-
GOLD	OG1	19,785	5,777	242.5%	33,674	-41.2%
GOLD	OG2	11,445	1,379	729.9%	7,660	49.4%
GOLD	OG3	5,159	757	581.5%	3,306	56.0%
GOLD	OG4	426	21	1,928.6%	0	0.0%
GOLD	OG5	0	0	-	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	900	500	80.0%	600	50.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,200	1,412	-15.0%	1,210	-0.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	630	580	8.6%	635	-0.8%
NYMEX PLATINUM	PO	8,041	8,238	-2.4%	9,144	-12.1%
PALLADIUM	PAO	1,899	2,886	-34.2%	2,442	-22.2%
SILVER	SO1	871	750	16.1%	1,830	-52.4%
SILVER	SO2	1,293	68	1,801.5%	270	378.9%
SILVER	SO3	239	123	94.3%	46	419.6%
SILVER	SO4	0	0	-	0	0.0%
SILVER	SO5	0	0	-	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		2	0	-	4	-50.0%
Energy Futures		10,185,298	13,779,594	-26.1%	10,347,940	-1.6%
Metals Futures		1,292,115	1,211,398	6.7%	1,267,516	1.9%
TOTAL FUTURES		11,477,415	14,990,992	-23.4%	11,615,460	-1.2%



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TOTAL OPTIONS GROUP					
Energy Options	5,978,776	6,602,511	-9.4%	5,922,893	0.9%
Metals Options	1,863,048	1,453,319	28.2%	1,768,147	5.4%
TOTAL OPTIONS	7,841,824	8,055,830	-2.7%	7,691,040	2.0%
TOTAL COMBINED					
Ag Products	2	0	-	4	-50.0%
Energy	16,164,074	20,382,105	-20.7%	16,270,833	-0.7%
Metals	3,155,163	2,664,717	18.4%	3,035,663	3.9%
GRAND TOTAL	19,319,239	23,046,822	-16.2%	19,306,500	0.1%