



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAR 2019	Open Interest MAR 2018	% CHG	Open Interest FEB 2019	% CHG	
<b>Ag Products Futures</b>						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	0	-	0	-
SUGAR 11	YO	0	0	-	0	-
<b>Energy Futures</b>						
CRUDE OIL PHY	CL	1,967,667	2,525,557	-22.1%	2,072,728	-5.1%
CRUDE OIL	WS	2,414	572	322.0%	2,872	-15.9%
MINY WTI CRUDE OIL	QM	3,351	3,290	1.9%	4,099	-18.2%
BRENT OIL LAST DAY	BZ	206,647	203,573	1.5%	199,736	3.5%
HEATING OIL PHY	HO	375,201	413,584	-9.3%	431,432	-13.0%
HTG OIL	BH	128	212	-39.6%	141	-9.2%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	411,923	430,324	-4.3%	393,255	4.7%
MINY RBOB GAS	QU	0	0	-	0	0.0%
NATURAL GAS	HP	83,457	80,022	4.3%	89,398	-6.6%
LTD NAT GAS	HH	378,825	366,598	3.3%	411,964	-8.0%
MINY NATURAL GAS	QG	1,996	2,139	-6.7%	2,266	-11.9%
PJM MONTHLY	JM	400	1,220	-67.2%	440	-9.1%
NATURAL GAS PHY	NG	1,171,386	1,433,262	-18.3%	1,176,942	-0.5%
RBOB GAS	RT	64	3,935	-98.4%	72	-11.1%
3.5% FUEL OIL CID MED SWA	7D	50	312	-84.0%	54	-7.4%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	20	-100.0%
AEP-DAYTON HUB DAILY	VD	34	138	-75.4%	114	-70.2%
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	1,433	-100.0%	62	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	34,289	51,265	-33.1%	36,638	-6.4%
ARGUS PROPAN FAR EST INDE	7E	5,355	4,806	11.4%	5,009	6.9%
ARGUS PROPAN(SAUDI ARAMCO)	9N	2,173	1,897	14.5%	2,044	6.3%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	40	288	-86.1%	44	-9.1%
BRENT BALMO SWAP	J9	223	0	-	125	78.4%
BRENT CALENDAR SWAP	CY	20,338	11,421	78.1%	22,361	-9.0%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	158	9,822	-98.4%	158	0.0%
BRENT FINANCIAL FUTURES	MBC	60	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	0	16	-100.0%	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	56	-100.0%	0	-
CENTERPOINT BASIS SWAP	PW	906	7,463	-87.9%	1,356	-33.2%
CHICAGO ETHANOL SWAP	CU	45,855	60,982	-24.8%	51,408	-10.8%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	5C	2,915	879	231.6%	2,903	0.4%
CHICAGO UNL GAS PL VS RBO	3C	590	525	12.4%	640	-7.8%



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<b>Energy Futures</b>						
CIG BASIS	CI	5,034	19,154	-73.7%	5,597	-10.1%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	100	-100.0%	0	-
CINERGY HUB PEAK MONTH	EM	0	240	-100.0%	0	-
CIN HUB 5MW D AH O PK	K2	0	110,600	-100.0%	0	-
CIN HUB 5MW D AH PK	H5	1,385	7,386	-81.2%	1,607	-13.8%
CIN HUB 5MW REAL TIME O P	H4	120,904	397,784	-69.6%	131,104	-7.8%
CIN HUB 5MW REAL TIME PK	H3	14,499	32,952	-56.0%	15,864	-8.6%
COAL SWAP	ACM	20	155	-87.1%	20	0.0%
COAL SWAP	SSI	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	699	2,988	-76.6%	723	-3.3%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,544	954	61.8%	1,632	-5.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	624	795	-21.5%	600	4.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,841	20,282	-7.1%	20,253	-7.0%
CRUDE OIL	LPS	22,925	14,790	55.0%	24,750	-7.4%
CRUDE OIL OUTRIGHTS	42	56	241	-76.8%	317	-82.3%
CRUDE OIL OUTRIGHTS	CC5	720	0	-	720	0.0%
CRUDE OIL OUTRIGHTS	CPD	0	976	-100.0%	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	2,930	0	-	2,370	23.6%
CRUDE OIL OUTRIGHTS	DBL	0	19	-100.0%	0	-
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	253	0	-	276	-8.3%
CRUDE OIL OUTRIGHTS	HTT	136,162	101,690	33.9%	122,773	10.9%
CRUDE OIL OUTRIGHTS	LSW	1,300	1,640	-20.7%	1,470	-11.6%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UMD	0	2,200	-100.0%	0	-
CRUDE OIL OUTRIGHTS	UNS	0	2,005	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCC	0	1,280	-100.0%	0	-
CRUDE OIL OUTRIGHTS	WCW	18,385	25,324	-27.4%	17,665	4.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	3,170	0	-	3,669	-13.6%
CRUDE OIL SPRDS	38	0	1,050	-100.0%	0	-
CRUDE OIL SPRDS	WTT	127,022	166,041	-23.5%	135,757	-6.4%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	4,896	3,968	23.4%	4,224	15.9%
DAILY PJM	IDO	31,688	16,128	96.5%	22,935	38.2%
DAILY PJM	NOC	2,736	15,872	-82.8%	1,824	50.0%
DAILY PJM	PAP	270	486	-44.4%	260	3.8%
DAILY PJM	PEO	2,520	10,584	-76.2%	2,475	1.8%
DAILY PJM	PNO	17,136	68,160	-74.9%	16,830	1.8%
DAILY PJM	PNP	1,053	2,943	-64.2%	1,014	3.8%
DAILY PJM	PWO	16,128	27,720	-41.8%	15,840	1.8%
DAILY PJM	PWP	864	1,485	-41.8%	832	3.8%
DAILY PJM	WOR	16,992	22,912	-25.8%	17,088	-0.6%
DAILY PJM	ZAO	7,560	7,056	7.1%	7,425	1.8%
DAILY PJM	ZGO	33,592	30,528	10.0%	33,385	0.6%
DAILY PJM	ZJO	15,120	12,600	20.0%	14,850	1.8%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,225	7,325	-69.6%	2,570	-13.4%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-

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<b>Energy Futures</b>						
DOMINION TRAN INC - APP I	IH	0	2,448	-100.0%	0	-
DOMINION TRANSMISSION INC	PG	8,642	24,141	-64.2%	10,130	-14.7%
DUBAI CRUDE OIL BALMO	BI	0	125	-100.0%	0	-
DUBAI CRUDE OIL CALENDAR	DC	17,433	5,025	246.9%	21,356	-18.4%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	1,668	90	1,753.3%	1,689	-1.2%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	0	195	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	EW	40	142	-71.8%	41	-2.4%
EIA FLAT TAX ONHWAY DIESE	A5	1,655	1,945	-14.9%	1,764	-6.2%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	0	140	-100.0%	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	940	1,450	-35.2%	980	-4.1%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	0	3,195	-100.0%	0	-
ELEC MISO PEAK	55	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	59,040	-100.0%	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-
ELECTRICITY OFF PEAK	46	17,216	26,576	-35.2%	17,920	-3.9%
ELECTRICITY OFF PEAK	4P	55,380	0	-	55,380	0.0%
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	2,830	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	110,880	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	7,590	-100.0%	0	-
ETHANOL	MTH	0	0	-	10	-100.0%
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	410	10	4,000.0%	380	7.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,904	5,382	-8.9%	5,889	-16.7%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	105	419	-74.9%	0	-
EURO 3.5% FUEL OIL SPREAD	FK	45	203	-77.8%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	20	410	-95.1%	40	-50.0%
EUROPE 1% FUEL OIL NWE CA	UF	244	248	-1.6%	254	-3.9%
EUROPE 1% FUEL OIL RDAM C	UH	3	0	-	3	0.0%
EUROPE 3.5% FUEL OIL MED	UI	147	428	-65.7%	150	-2.0%
EUROPE 3.5% FUEL OIL RDAM	UV	7,362	11,899	-38.1%	7,418	-0.8%
EUROPEAN GASOIL (ICE)	7F	111	294	-62.2%	97	14.4%
EUROPEAN NAPHTHA BALMO	KZ	268	205	30.7%	168	59.5%
EUROPEAN NAPHTHA CRACK SPR	EN	12,982	13,529	-4.0%	13,309	-2.5%
EUROPE DATED BRENT SWAP	UB	640	375	70.7%	1,516	-57.8%
EUROPE JET KERO NWE CALSW	UJ	22	42	-47.6%	23	-4.3%
EUROPE NAPHTHA CALSWAP	UN	2,894	3,429	-15.6%	2,792	3.7%
EURO PROPANE CIF ARA SWA	PS	2,124	1,781	19.3%	2,025	4.9%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-
FREIGHT MARKETS	FLP	947	796	19.0%	1,070	-11.5%
FREIGHT MARKETS	FRC	345	115	200.0%	65	430.8%

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<b>Energy Futures</b>						
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	2,750	390	605.1%	2,940	-6.5%
FREIGHT MARKETS	TC6	0	210	-100.0%	0	-
FREIGHT MARKETS	TD3	70	0	-	0	-
FREIGHT MARKETS	TD8	50	0	-	100	-50.0%
FUEL OIL CRACK VS ICE	FO	7,384	16,269	-54.6%	7,635	-3.3%
FUEL OIL NWE CRACK VS ICE	FI	171	156	9.6%	171	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	140	-100.0%	0	-
FUEL OIL (PLATS) CAR CN	1X	0	45	-100.0%	0	-
FUELOIL SWAP:CARGOES VS.B	FS	1,023	810	26.3%	1,023	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	6,019	6,368	-5.5%	6,761	-11.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	29,201	32,620	-10.5%	27,192	7.4%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	10	-100.0%	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	15	180	-91.7%	15	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	21	30	-30.0%	14	50.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	27	492	-94.5%	20	35.0%
GASOIL BULLET SWAP	BG	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	48	12	300.0%	48	0.0%
GASOIL CRACK SPREAD CALEN	GZ	13,109	26,211	-50.0%	13,648	-3.9%
GASOIL MINI CALENDAR SWAP	QA	927	611	51.7%	1,012	-8.4%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	443	60	638.3%	210	111.0%
GROUP THREE ULSD (PLATTS)	A7	45	115	-60.9%	47	-4.3%
GROUP THREE UNLEAD GAS (P	A9	25	0	-	50	-50.0%
GRP THREE ULSD(PLT)VS HEA	A6	7,141	11,682	-38.9%	7,452	-4.2%
GRP THREE UNL GS (PLT) VS	A8	4,344	3,857	12.6%	5,490	-20.9%
GULF COAST 3% FUEL OIL BA	VZ	1,099	725	51.6%	72	1,426.4%
GULF COAST JET FUEL CLNDR	GE	793	687	15.4%	852	-6.9%
GULF COAST JET VS NYM 2 H	ME	31,722	35,370	-10.3%	28,910	9.7%
GULF COAST NO.6 FUEL OIL	MF	25,746	47,127	-45.4%	29,098	-11.5%
GULF COAST NO.6 FUEL OIL	MG	1,468	6,559	-77.6%	1,833	-19.9%
GULF COAST ULSD CALENDAR	LY	1,816	1,317	37.9%	1,801	0.8%
GULF COAST ULSD CRACK SPR	GY	535	1,095	-51.1%	560	-4.5%
HEATING OIL BALMO CLNDR S	1G	0	0	-	10	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	10,058	3,172	217.1%	10,058	0.0%
HENRY HUB FINANCIAL LAST	NBP	0	6	-100.0%	0	-
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	10,058	2,072	385.4%	10,058	0.0%
HENRY HUB SWAP	NN	1,001,083	1,099,405	-8.9%	1,026,984	-2.5%
HOUSTON SHIP CHANNEL BASI	NH	9,794	16,091	-39.1%	10,321	-5.1%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-
ICE BRENT DUBAI SWAP	DB	33,558	43,901	-23.6%	34,434	-2.5%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
IN DELIVERY MONTH EUA	6T	0	3,698	-100.0%	0	-
INDIANA MISO	FAD	0	17,920	-100.0%	0	-
INDIANA MISO	FTD	3,600	8,960	-59.8%	2,400	50.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	634	945	-32.9%	1,275	-50.3%
INDIANA MISO	PTD	455	664	-31.5%	455	0.0%



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<b>Energy Futures</b>						
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	822	80	927.5%	85	867.1%
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	759	-84.1%	121	0.0%
JAPAN C&F NAPHTHA SWAP	JA	1,576	2,366	-33.4%	1,407	12.0%
JAPAN NAPHTHA BALMO SWAP	E6	92	15	513.3%	25	268.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	20	-100.0%	0	-
JET CIF NWE VS ICE	JC	346	668	-48.2%	365	-5.2%
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	2,690	8,747	-69.2%	2,265	18.8%
JKM LNG Futures	JKM	5,226	1,100	375.1%	4,000	30.7%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	KL	158	400	-60.5%	188	-16.0%
LA CARBOB GASOLINE(OPIS)S	JL	900	825	9.1%	1,150	-21.7%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	1,957	2,990	-34.5%	2,148	-8.9%
LLS (ARGUS) CALENDAR SWAP	XA	459	0	-	479	-4.2%
LLS (ARGUS) VS WTI SWAP	WJ	24,728	24,055	2.8%	26,950	-8.2%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	5,790	8,635	-32.9%	4,670	24.0%
MARS (ARGUS) VS WTI TRD M	YV	26,585	28,560	-6.9%	28,742	-7.5%
MARS BLEND CRUDE OIL	MB	0	389	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	MTF	22,020	43,276	-49.1%	20,959	5.1%
MCCLOSKEY RCH BAY COAL	MFF	3,552	6,024	-41.0%	2,680	32.5%
MGF FUT	MGF	0	45	-100.0%	20	-100.0%
MGN1 SWAP FUT	MGN	335	448	-25.2%	300	11.7%
MICHIGAN BASIS	NF	1,678	4,245	-60.5%	1,833	-8.5%
MICHIGAN MISO	HMO	0	27,552	-100.0%	0	-
MICHIGAN MISO	HMW	0	1,491	-100.0%	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	44	286	-84.6%	135	-67.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	130	71	83.1%	490	-73.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3,078	1,945	58.3%	2,873	7.1%
MJC FUT	MJC	290	620	-53.2%	275	5.5%
MNC FUT	MNC	6,710	4,887	37.3%	6,305	6.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	38,531	47,889	-19.5%	39,129	-1.5%
MONT BELVIEU ETHANE OPIS BALMO	8C	50	15	233.3%	75	-33.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	128,913	111,964	15.1%	117,818	9.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,020	2,431	-16.9%	1,450	39.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	16,733	19,168	-12.7%	18,303	-8.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	715	640	11.7%	278	157.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	41,164	30,422	35.3%	40,583	1.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,400	960	45.8%	1,272	10.1%
NAT GAS BASIS SWAP	TZ6	1,925	4,755	-59.5%	2,142	-10.1%
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	130,899	151,352	-13.5%	137,588	-4.9%
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	384,769	492,229	-21.8%	409,793	-6.1%
NEPOOL INTR HUB 5MW D AH	U6	22,247	33,041	-32.7%	23,215	-4.2%

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<b>Energy Futures</b>						
NEPOOL NE MASS 5MW D AH O	P8	11,808	14,040	-15.9%	12,864	-8.2%
NEPOOL NE MASS 5MW D AH P	P7	639	765	-16.5%	699	-8.6%
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	1,507	1,971	-23.5%	1,513	-0.4%
NEW YORK ETHANOL SWAP	EZ	1,112	2,950	-62.3%	885	25.6%
NEW YORK HUB ZONE G PEAK	GN	1,221	2,556	-52.2%	1,449	-15.7%
NEW YORK HUB ZONE J PEAK	JN	1,155	660	75.0%	1,120	3.1%
NGPL MID-CONTINENT	NL	11,680	20,743	-43.7%	13,757	-15.1%
NGPL TEX/OK	PD	19,891	23,202	-14.3%	22,782	-12.7%
N ILLINOIS HUB DAILY	UD	68	387	-82.4%	108	-37.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	475	935	-49.2%	300	58.3%
NORTHERN NATURAL GAS DEMAR	PE	428	1,356	-68.4%	428	0.0%
NORTHERN NATURAL GAS VENTU	PF	1,284	1,468	-12.5%	1,304	-1.5%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	12,709	33,385	-61.9%	14,042	-9.5%
N ROCKIES PIPE SWAP	XR	0	91	-100.0%	0	-
NY1% VS GC SPREAD SWAP	VR	2,075	4,420	-53.1%	2,740	-24.3%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	H1	300	600	-50.0%	275	9.1%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	8,761	7,254	20.8%	9,100	-3.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	915	770	18.8%	915	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	1,164	2,250	-48.3%	1,658	-29.8%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	3,278	4,578	-28.4%	3,490	-6.1%
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	796	403	97.5%	836	-4.8%
NYISO CAPACITY	NNC	215	819	-73.7%	256	-16.0%
NYISO CAPACITY	NRS	289	1,821	-84.1%	316	-8.5%
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	15,666	53,614	-70.8%	21,186	-26.1%
NYISO ZONE A 5MW D AH PK	K3	2,040	6,120	-66.7%	2,590	-21.2%
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	452,578	575,478	-21.4%	477,602	-5.2%
NYISO ZONE G 5MW D AH PK	T3	17,712	21,540	-17.8%	18,416	-3.8%
NYISO ZONE J 5MW D AH O P	D4	108,846	233,441	-53.4%	119,886	-9.2%
NYISO ZONE J 5MW D AH PK	D3	9,076	16,731	-45.8%	9,846	-7.8%
NYMEX ALUMINUM FUTURES	AN	825	594	38.9%	800	3.1%
NYMEX ULSD VS NYMEX HO	UY	1,450	0	-	750	93.3%
NY ULSD (ARGUS) VS HEATING OIL	7Y	271	257	5.4%	417	-35.0%
ONEOK OKLAHOMA NG BASIS	8X	0	550	-100.0%	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-

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<b>Energy Futures</b>						
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	4,123	11,384	-63.8%	4,340	-5.0%
PANHANDLE PIPE SWAP	XH	0	1,989	-100.0%	0	-
PERMIAN BASIS SWAP	PM	4,272	8,296	-48.5%	4,458	-4.2%
PETROCHEMICALS	22	57	112	-49.1%	131	-56.5%
PETROCHEMICALS	32	177	188	-5.9%	95	86.3%
PETROCHEMICALS	3NA	20	0	-	29	-31.0%
PETROCHEMICALS	51	0	3	-100.0%	0	-
PETROCHEMICALS	8I	4,622	5,366	-13.9%	4,493	2.9%
PETROCHEMICALS	91	876	1,032	-15.1%	834	5.0%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	MAA	0	0	-	0	-
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	577	310	86.1%	511	12.9%
PETROCHEMICALS	MAS	260	90	188.9%	235	10.6%
PETROCHEMICALS	MBE	335	480	-30.2%	410	-18.3%
PETROCHEMICALS	MNB	1,736	3,286	-47.2%	2,020	-14.1%
PETROCHEMICALS	MPS	315	130	142.3%	390	-19.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	690	0	-	690	0.0%
PETRO CRCKS & SPRDS ASIA	STS	128	1,278	-90.0%	110	16.4%
PETRO CRCKS & SPRDS NA	CRB	7,645	1,025	645.9%	7,535	1.5%
PETRO CRCKS & SPRDS NA	EXR	4,468	4,252	5.1%	3,702	20.7%
PETRO CRCKS & SPRDS NA	FOC	920	2,050	-55.1%	1,050	-12.4%
PETRO CRCKS & SPRDS NA	GBB	900	213	322.5%	200	350.0%
PETRO CRCKS & SPRDS NA	GCC	190	500	-62.0%	215	-11.6%
PETRO CRCKS & SPRDS NA	GCI	1,647	3,272	-49.7%	1,454	13.3%
PETRO CRCKS & SPRDS NA	GCM	0	21	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCU	16,167	27,543	-41.3%	17,371	-6.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	100	-100.0%
PETRO CRCKS & SPRDS NA	HOB	4,334	8,688	-50.1%	4,408	-1.7%
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	0	125	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	12,097	14,073	-14.0%	9,680	25.0%
PETRO CRCKS & SPRDS NA	RVG	16,781	21,742	-22.8%	18,836	-10.9%
PETRO CRCKS & SPRDS NA	SF3	296	204	45.1%	231	28.1%
PETRO CRK&SPRD EURO	1NB	3,484	4,217	-17.4%	3,220	8.2%
PETRO CRK&SPRD EURO	1ND	0	100	-100.0%	0	-
PETRO CRK&SPRD EURO	43	0	260	-100.0%	0	-
PETRO CRK&SPRD EURO	BFR	60	0	-	0	-
PETRO CRK&SPRD EURO	BOB	3,092	4,213	-26.6%	3,244	-4.7%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-
PETRO CRK&SPRD EURO	EOB	35	101	-65.3%	20	75.0%
PETRO CRK&SPRD EURO	EPN	1,311	1,545	-15.1%	1,448	-9.5%
PETRO CRK&SPRD EURO	EVC	3,120	7,170	-56.5%	3,048	2.4%
PETRO CRK&SPRD EURO	FBT	60	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	30	0.0%	30	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-



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<b>Energy Futures</b>						
PETRO CRK&SPRD EURO	GOC	22	74	-70.3%	23	-4.3%
PETRO CRK&SPRD EURO	MGB	60	80	-25.0%	50	20.0%
PETRO CRK&SPRD EURO	MUD	10	205	-95.1%	10	0.0%
PETRO CRK&SPRD EURO	NBB	5	0	-	32	-84.4%
PETRO CRK&SPRD EURO	NOB	2,580	2,232	15.6%	2,856	-9.7%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETROLEUM PRODUCTS	1NM	70	0	-	70	0.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	5,292	12,873	-58.9%	6,314	-16.2%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	30	-100.0%	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	10	0	-	10	0.0%
PETROLEUM PRODUCTS ASIA	MJN	2,026	2,618	-22.6%	2,186	-7.3%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTFRIGHT EURO	0B	0	40	-100.0%	0	-
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-
PETRO OUTFRIGHT EURO	0D	3,526	4,241	-16.9%	3,432	2.7%
PETRO OUTFRIGHT EURO	0E	0	0	-	13	-100.0%
PETRO OUTFRIGHT EURO	0F	882	929	-5.1%	698	26.4%
PETRO OUTFRIGHT EURO	1T	22	42	-47.6%	23	-4.3%
PETRO OUTFRIGHT EURO	33	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	71	0	-	0	-
PETRO OUTFRIGHT EURO	63	0	5	-100.0%	0	-
PETRO OUTFRIGHT EURO	6L	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	175	0	-	0	-
PETRO OUTFRIGHT EURO	7R	108	120	-10.0%	451	-76.1%
PETRO OUTFRIGHT EURO	88	0	0	-	0	-
PETRO OUTFRIGHT EURO	CBB	0	35	-100.0%	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	10	-100.0%
PETRO OUTFRIGHT EURO	CPB	196	508	-61.4%	210	-6.7%
PETRO OUTFRIGHT EURO	EFF	20	0	-	20	0.0%
PETRO OUTFRIGHT EURO	EFM	22	0	-	22	0.0%
PETRO OUTFRIGHT EURO	ENS	20	245	-91.8%	25	-20.0%
PETRO OUTFRIGHT EURO	ESB	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	1,273	1,232	3.3%	1,229	3.6%
PETRO OUTFRIGHT EURO	FBD	0	0	-	0	-
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTFRIGHT EURO	GES	0	0	-	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	MBN	2,164	3,710	-41.7%	2,187	-1.1%
PETRO OUTFRIGHT EURO	MEF	1,177	0	-	1,241	-5.2%
PETRO OUTFRIGHT EURO	R53	12	0	-	0	-
PETRO OUTFRIGHT EURO	R5O	30	0	-	0	-
PETRO OUTFRIGHT EURO	S5M	37	0	-	28	32.1%
PETRO OUTFRIGHT EURO	SMU	125	328	-61.9%	125	0.0%
PETRO OUTFRIGHT EURO	T0	9	98	-90.8%	9	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTFRIGHT EURO	V0	0	680	-100.0%	0	-
PETRO OUTFRIGHT EURO	X0	0	0	-	0	-



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<b>Energy Futures</b>						
PETRO OUTRIGHT NA	FCB	0	64	-100.0%	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	JE	28	318	-91.2%	35	-20.0%
PETRO OUTRIGHT NA	JET	2,675	1,860	43.8%	2,425	10.3%
PETRO OUTRIGHT NA	JTB	800	825	-3.0%	600	33.3%
PETRO OUTRIGHT NA	MBL	5	31	-83.9%	10	-50.0%
PETRO OUTRIGHT NA	MEN	292	403	-27.5%	65	349.2%
PETRO OUTRIGHT NA	MEO	3,511	4,219	-16.8%	3,329	5.5%
PETRO OUTRIGHT NA	MFD	0	30	-100.0%	0	-
PETRO OUTRIGHT NA	MMF	93	69	34.8%	90	3.3%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	188,758	306,978	-38.5%	202,596	-6.8%
PJM AD HUB 5MW REAL TIME	Z9	16,843	20,257	-16.9%	17,200	-2.1%
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	11,670	-100.0%	0	-
PJM ATSI ELEC	MPD	0	650	-100.0%	0	-
PJM BGE DA OFF-PEAK	R3	0	13,707	-100.0%	0	-
PJM BGE DA PEAK	E3	0	751	-100.0%	0	-
PJM COMED 5MW D AH O PK	D9	0	19,680	-100.0%	0	-
PJM COMED 5MW D AH PK	D8	0	1,065	-100.0%	0	-
PJM DAILY	JD	870	2,499	-65.2%	1,182	-26.4%
PJM DAYTON DA OFF-PEAK	R7	62,525	100,504	-37.8%	64,365	-2.9%
PJM DAYTON DA PEAK	D7	4,270	9,216	-53.7%	4,490	-4.9%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	7,788	28,649	-72.8%	8,502	-8.4%
PJM NI HUB 5MW REAL TIME	B6	67,051	552,270	-87.9%	74,784	-10.3%
PJM NILL DA OFF-PEAK	L3	107,474	342,182	-68.6%	119,986	-10.4%
PJM NILL DA PEAK	N3	6,630	20,506	-67.7%	7,488	-11.5%
PJM OFF-PEAK LMP SWAP FUT	JP	0	412	-100.0%	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	2,960	0	-	2,960	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	80,895	46,740	73.1%	84,415	-4.2%
PJM PSEG DA PEAK	L6	4,025	1,300	209.6%	4,125	-2.4%
PJM WESTH DA OFF-PEAK	E4	149,516	349,827	-57.3%	161,292	-7.3%
PJM WESTHDA PEAK	J4	8,074	18,960	-57.4%	8,778	-8.0%
PJM WESTH RT OFF-PEAK	N9	779,914	1,634,862	-52.3%	827,940	-5.8%
PJM WESTH RT PEAK	L1	118,792	118,297	0.4%	117,727	0.9%
PLASTICS	PGP	3,635	992	266.4%	3,663	-0.8%
PREMIUM UNLD 10P FOB MED	3G	534	996	-46.4%	708	-24.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	10	-100.0%	18	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	30	0	-	30	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,069	1,035	3.3%	2,539	-57.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	64,203	39,207	63.8%	57,251	12.1%
RBOB CALENDAR SWAP	RL	12,415	11,776	5.4%	12,426	-0.1%
RBOB CRACK SPREAD	RM	3,915	5,218	-25.0%	4,358	-10.2%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-

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<b>Energy Futures</b>						
RBOB GASOLINE BALMO CLNDR	1D	511	616	-17.0%	1,532	-66.6%
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	1,710	-95.6%	75	0.0%
SAN JUAN BASIS SWAP	NJ	7,172	17,066	-58.0%	7,358	-2.5%
SAN JUAN PIPE SWAP	XX	0	0	-	72	-100.0%
SINGAPORE 180CST BALMO	BS	17	25	-32.0%	10	70.0%
SINGAPORE 380CST BALMO	BT	90	133	-32.3%	5	1,700.0%
SINGAPORE 380CST FUEL OIL	SE	5,975	8,683	-31.2%	6,722	-11.1%
SINGAPORE FUEL 180CST CAL	UA	529	1,117	-52.6%	404	30.9%
SINGAPORE FUEL OIL SPREAD	SD	239	1,937	-87.7%	262	-8.8%
SINGAPORE GASOIL	MAF	4,529	0	-	3,954	14.5%
SINGAPORE GASOIL	MTB	23	190	-87.9%	40	-42.5%
SINGAPORE GASOIL	MTS	6,298	7,996	-21.2%	7,344	-14.2%
SINGAPORE GASOIL	STZ	0	3,950	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	250	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	GHS	3	0	-	6	-50.0%
SINGAPORE GASOIL CALENDAR	MGO	7	100	-93.0%	14	-50.0%
SINGAPORE GASOIL CALENDAR	MSG	374	1,577	-76.3%	234	59.8%
SINGAPORE GASOIL CALENDAR	SGG	0	181	-100.0%	0	-
SINGAPORE GASOIL SWAP	SG	1,696	8,732	-80.6%	2,748	-38.3%
SINGAPORE GASOIL VS ICE	GA	21,373	43,940	-51.4%	23,956	-10.8%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	6,505	10,230	-36.4%	7,105	-8.4%
SINGAPORE JET KEROSENE SW	KS	1,730	2,155	-19.7%	2,130	-18.8%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	375	225	66.7%	375	0.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	20,257	19,092	6.1%	14,443	40.3%
SINGAPORE NAPHTHA SWAP	SP	0	200	-100.0%	0	-
SING FUEL	MSD	0	0	-	0	-
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	90	-100.0%	0	-
Sumas Basis Swap	NK	1,677	4,589	-63.5%	2,018	-16.9%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	500	378	32.3%	320	56.3%
TC5 RAS TANURA TO YOKOHAM	TH	1,415	80	1,668.8%	1,370	3.3%
TCO BASIS SWAP	TC	4,032	7,805	-48.3%	4,342	-7.1%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	12,906	1,812	612.3%	11,926	8.2%
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	-
Tetco STX Basis	TX	0	550	-100.0%	0	-
TEXAS EASTERN ZONE M-3 BA	NX	1,464	5,053	-71.0%	1,774	-17.5%
TEXAS GAS ZONE1 NG BASIS	9F	0	4,324	-100.0%	0	-
Transco Zone 3 Basis	CZ	0	2,475	-100.0%	0	-
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	2,754	6,625	-58.4%	2,893	-4.8%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	2,228	-100.0%	62	-100.0%



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<b>Energy Futures</b>						
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-
UCM FUT	UCM	20	50	-60.0%	20	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	245	84	191.7%	165	48.5%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	0	29	-100.0%	0	-
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	5,845	3,235	80.7%	4,960	17.8%
UP DOWN GC ULSD VS NMX HO	LT	42,411	31,079	36.5%	43,301	-2.1%
WAHA BASIS	NW	1,968	5,495	-64.2%	2,012	-2.2%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	0	370	-100.0%	0	-
WTI-BRENT BULLET SWAP	BY	4,179	404	934.4%	4,704	-11.2%
WTI-BRENT CALENDAR SWAP	BK	140,667	136,419	3.1%	139,526	0.8%
WTI CALENDAR	CS	167,832	170,046	-1.3%	161,099	4.2%
WTS (ARGUS) VS WTI SWAP	FF	52,646	66,728	-21.1%	52,464	0.3%
WTS (ARGUS) VS WTI TRD MT	FH	5,486	3,326	64.9%	5,578	-1.6%
<b>Energy Options</b>						
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-
BRENT 1 MONTH CAL	AA	0	3,000	-100.0%	0	-
BRENT CALENDAR SWAP	BA	6,732	3,241	107.7%	6,858	-1.8%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	24,800	118,900	-79.1%	30,000	-17.3%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	96,010	39,966	140.2%	97,670	-1.7%
BRENT OIL LAST DAY	BZO	166,876	178,758	-6.6%	174,588	-4.4%
BRENT OIL LAST DAY	OS	50	1,144	-95.6%	50	0.0%
COAL API2 INDEX	CLA	195	1,975	-90.1%	145	34.5%
COAL API2 INDEX	CQA	350	550	-36.4%	250	40.0%
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	20	-100.0%	0	-
COAL SWAP	RPF	0	250	-100.0%	0	-
CRUDE OIL	6Y	150	0	-	0	-
CRUDE OIL 1MO	WA	526,054	339,700	54.9%	581,575	-9.5%
CRUDE OIL APO	AO	349,364	452,603	-22.8%	297,356	17.5%
CRUDE OIL CALNDR STRIP	6F	200	0	-	0	-
CRUDE OIL OUTRIGHTS	AH	0	150	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	590	5,360	-89.0%	885	-33.3%
CRUDE OIL PHY	CD	0	0	0.0%	0	-
CRUDE OIL PHY	LC	45,164	55,309	-18.3%	45,148	0.0%
CRUDE OIL PHY	LO	2,530,997	2,920,692	-13.3%	2,490,915	1.6%
CRUDE OIL PHY	LO1	2,703	1,966	37.5%	8,862	-69.5%
CRUDE OIL PHY	LO2	370	361	2.5%	4,321	-91.4%
CRUDE OIL PHY	LO3	76	58	31.0%	0	-
CRUDE OIL PHY	LO4	0	0	-	5	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	33	-100.0%
ELEC MISO PEAK	9T	0	0	-	0	-
ETHANOL	CE1	0	100	-100.0%	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	11,835	13,692	-13.6%	11,422	3.6%



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<b>Energy Options</b>						
ETHANOL SWAP	GVR	2,140	2,306	-7.2%	2,180	-1.8%
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	734	0	-	914	-19.7%
HEATING OIL PHY	OH	50,444	45,709	10.4%	52,045	-3.1%
HENRY HUB FINANCIAL LAST	E7	11,404	5,984	90.6%	8,559	33.2%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	0.0%
LLS CRUDE OIL	WJO	0	1,800	-100.0%	0	-
LLS CRUDE OIL	YVO	0	1,000	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	MTO	130	590	-78.0%	130	0.0%
MCCLOSKEY RCH BAY COAL	MFO	220	1,225	-82.0%	220	0.0%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	4,300	0	-	3,350	28.4%
NATURAL GAS 2 M CSO FIN	G2	500	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	4,150	29,185	-85.8%	450	822.2%
NATURAL GAS 5 M CSO FIN	G5	0	1,250	-100.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	0	500	-100.0%	18,975	-100.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	10,084	6,802	48.3%	7,684	31.2%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,397,188	1,437,590	-2.8%	1,458,072	-4.2%
NATURAL GAS PHY	ON	52,724	65,991	-20.1%	61,232	-13.9%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	546	1,624	-66.4%	546	0.0%
NY HARBOR HEAT OIL SWP	AT	12,295	17,513	-29.8%	13,516	-9.0%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	5,040	-100.0%	0	-
PETROCHEMICALS	4H	2,778	1,731	60.5%	3,783	-26.6%
PETROCHEMICALS	4J	750	1,500	-50.0%	825	-9.1%
PETROCHEMICALS	4K	0	0	-	60	-100.0%
PETROCHEMICALS	CPR	0	3	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	24	0	-	24	0.0%
PETRO OUTRIGHT NA	DAP	700	60	1,066.7%	746	-6.2%
PJM WES HUB PEAK CAL MTH	6OA	780	1,630	-52.1%	680	14.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	1,567	8,979	-82.5%	1,171	33.8%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	0.0%
RBOB CALENDAR SWAP	RA	235	525	-55.2%	180	30.6%
RBOB CRACK	RX	0	0	-	2	-100.0%
RBOB PHY	OB	16,838	9,404	79.1%	13,255	27.0%
RBOB PHY	RF	142	125	13.6%	218	-34.9%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-
SAN JUAN PIPE SWAP	PJ	0	840	-100.0%	180	-100.0%
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	-



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<b>Energy Options</b>						
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	-	25	-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	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	0.0%
SHORT TERM NATURAL GAS	U29	0	0	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	145,520	334,804	-56.5%	150,415	-3.3%
WTI CRUDE OIL 1 M CSO FI	7A	125,750	180,868	-30.5%	147,025	-14.5%
<b>Metals Futures</b>						
COMEX GOLD	GC	448,609	500,119	-10.3%	491,021	-8.6%
NYMEX HOT ROLLED STEEL	HR	17,003	14,987	13.5%	22,473	-24.3%
NYMEX PLATINUM	PL	68,155	74,770	-8.8%	78,977	-13.7%
PALLADIUM	PA	23,754	23,794	-0.2%	26,608	-10.7%
URANIUM	UX	3,601	2,964	21.5%	3,073	17.2%
COMEX SILVER	SI	196,044	229,252	-14.5%	196,686	-0.3%
COMEX E-Mini GOLD	QO	775	582	33.2%	578	34.1%
COMEX E-Mini SILVER	QI	171	211	-19.0%	178	-3.9%
COMEX COPPER	HG	249,843	291,568	-14.3%	255,010	-2.0%
COMEX MINY COPPER	QC	209	137	52.6%	176	18.8%
ALUMINUM	A38	106	0	-	108	-1.9%
ALUMINUM	AEP	12,110	13,535	-10.5%	13,368	-9.4%
ALUMINUM	ALA	495	1,560	-68.3%	660	-25.0%
ALUMINUM	ALI	0	0	-	0	-
ALUMINUM	AUP	27,967	35,372	-20.9%	29,345	-4.7%
ALUMINUM	CUP	0	247	-100.0%	0	-
ALUMINUM	EDP	11,023	11,345	-2.8%	10,237	7.7%
ALUMINUM	MJP	6,855	10,542	-35.0%	6,321	8.4%
COPPER	HGS	12,724	15,567	-18.3%	13,045	-2.5%
E-MICRO GOLD	MGC	11,592	7,871	47.3%	12,130	-4.4%



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<b>Metals Futures</b>					
FERROUS PRODUCTS	3,389	4,259	-20.4%	3,751	-9.7%
GOLD	0	0	-	0	-
Gold Kilo	0	57	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FUTURES	0	1,170	-100.0%	0	-
IRON ORE 62 CHINA TSI FUTURES	10,174	10,922	-6.8%	10,103	0.7%
LNDN ZINC	0	3	-100.0%	10	-100.0%
SILVER	1,507	1,422	6.0%	1,833	-17.8%
<b>Metals Options</b>					
COMEX COPPER	48,982	13,999	249.9%	40,337	21.4%
COMEX GOLD	1,257,048	1,019,943	23.2%	1,174,373	7.0%
COMEX SILVER	230,726	151,782	52.0%	217,615	6.0%
COPPER	10	0	-	10	0.0%
COPPER	0	0	-	0	-
COPPER	0	0	-	1	-100.0%
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
GOLD	11,396	3,588	217.6%	11,660	-2.3%
GOLD	6,704	631	962.4%	6,277	6.8%
GOLD	902	18	4,911.1%	1,762	-48.8%
GOLD	0	0	-	54	-100.0%
GOLD	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	750	900	-16.7%	200	275.0%
IRON ORE 62 CHINA TSI CALL OPTION	3,340	3,404	-1.9%	260	1,184.6%
IRON ORE 62 CHINA TSI PUT OPTION	1,850	1,620	14.2%	55	3,263.6%
NYMEX PLATINUM	4,557	3,230	41.1%	6,854	-33.5%
PALLADIUM	1,902	2,864	-33.6%	899	111.6%
SILVER	515	30	1,616.7%	325	58.5%
SILVER	305	0	-	121	152.1%
SILVER	39	0	-	55	-29.1%
SILVER	0	0	-	18	-100.0%
SILVER	0	0	0.0%	0	-
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	0	-	0	-
Energy Futures	10,594,548	14,947,504	-29.1%	10,985,372	-3.6%
Metals Futures	1,106,106	1,252,256	-11.7%	1,175,691	-5.9%
<b>TOTAL FUTURES</b>	<b>11,700,654</b>	<b>16,199,760</b>	<b>-27.8%</b>	<b>12,161,063</b>	<b>-3.8%</b>



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<b>TOTAL OPTIONS GROUP</b>					
Energy Options	5,604,459	6,302,398	-11.1%	5,696,545	-1.6%
Metals Options	1,569,026	1,202,009	30.5%	1,460,876	7.4%
<b>TOTAL OPTIONS</b>	<b>7,173,485</b>	<b>7,504,407</b>	<b>-4.4%</b>	<b>7,157,421</b>	<b>0.2%</b>
<b>TOTAL COMBINED</b>					
Ag Products	0	0	-	0	-
Energy	16,199,007	21,249,902	-23.8%	16,681,917	-2.9%
Metals	2,675,132	2,454,265	9.0%	2,636,567	1.5%
<b>GRAND TOTAL</b>	<b>18,874,139</b>	<b>23,704,167</b>	<b>-20.4%</b>	<b>19,318,484</b>	<b>-2.3%</b>