

## NYMEX/COMEX Exchange ADV Report - Monthly

October 2017

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Commodity		ADV OCT 2017	ADV OCT 2016	% CHG	ADV SEP 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	302,977	181,668.33	66.8%	359,205.15	-15.7%	280,915	223,498	25.7%
NYMEX HOT ROLLED STEEL	HR	323	277.9	16.2%	374.75	-13.8%	253	231.16	9.4%
NYMEX PLATINUM	PL	15,646	14,410.52	8.6%	26,447.65	-40.8%	18,579	15,287.82	21.5%
PALLADIUM	PA	3,967	5,427.48	-26.9%	4,030.9	-1.6%	5,603	5,457.63	2.7%
URANIUM	UX	0	28.57	-100.0%	0.85	-100.0%	21	34.73	-38.7%
COMEX SILVER	SI	83,020	63,219.86	31.3%	86,520	-4.0%	90,988	70,804.03	28.5%
COMEX E-Mini GOLD	QO	243	328.1	-26.0%	452.45	-46.3%	383	501.58	-23.7%
COMEX E-Mini SILVER	QI	21	49.19	-56.5%	20.95	2.2%	38	58.47	-34.2%
COMEX COPPER	HG	109,575	71,361.81	53.5%	115,476.8	-5.1%	103,361	78,854.74	31.1%
COMEX MINY COPPER	QC	21	11.38	83.3%	20.05	4.1%	33	24.01	39.1%
ALUMINUM	A38	0	0.76	-100.0%	0	-	0	0.41	-65.5%
ALUMINUM	AEP	91	68.57	32.8%	40.2	126.6%	118	50.38	133.8%
ALUMINUM	ALA	0	2.86	-100.0%	145.5	-100.0%	25	0.29	8817.1%
ALUMINUM	ALI	2	49.05	-96.3%	7.95	-77.1%	27	31.61	-13.3%
ALUMINUM	AUP	357	146.62	143.5%	230.7	54.7%	341	269.35	26.6%
ALUMINUM	EDP	8	98.57	-91.7%	12	-31.8%	44	33.28	30.9%
ALUMINUM	MJP	101	51.43	96.2%	79.95	26.2%	66	31.44	110.0%
COPPER	HGS	4	1.9	110.0%	5	-20.0%	8	16.27	-53.0%
E-MICRO GOLD	MGC	4,829	2,490.67	93.9%	6,327	-23.7%	4,505	3,911.95	15.2%
FERROUS PRODUCTS	BUS	19	1.43	1236.3%	2.5	663.6%	6	3.87	50.2%
GOLD	GPS	0	0	-	0	-	0	0	-
Gold Kilo	GCK	7	176.71	-96.1%	14.7	-52.7%	16	226.89	-93.1%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	25.71	-100.0%	29	-100.0%	41	14.33	184.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	48	465.57	-89.6%	227.8	-78.8%	398	756.8	-47.4%
LNDN ZINC	ZNC	1	1.29	-29.3%	0.5	81.8%	1	1.08	-49.3%
METALS	LED	0	0	-	0	-	0	0.12	-100.0%
SILVER	SIL	227	268.1	-15.5%	280.7	-19.3%	278	398.12	-30.1%
<b>Metals Options</b>									
COMEX COPPER	HX	813	241.86	236.0%	889.35	-8.6%	356	151.1	135.4%
COMEX GOLD	OG	36,572	39,353.9	-7.1%	51,549.65	-29.1%	40,033	37,415.75	7.0%
COMEX SILVER	SO	4,934	5,016.05	-1.6%	6,500.15	-24.1%	5,820	5,554.53	4.8%
GOLD	OG1	327	133.95	143.9%	140.95	131.8%	164	59.1	177.4%
GOLD	OG2	197	56.81	247.0%	77.6	154.0%	159	54.38	191.9%

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### Metals Options

GOLD	OG3	185	35.81	417.8%	189.85	-2.3%	175	42.37	313.9%
GOLD	OG4	146	60.67	139.8%	146.85	-0.9%	94	30.5	208.2%
GOLD	OG5	0	0	-	192	-100.0%	46	14.07	226.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	15	0	-	0	-	2	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	45	36.19	24.1%	131	-65.7%	80	175	-54.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	77	5.71	1252.3%	98	-21.2%	121	139.84	-13.7%
NYMEX PLATINUM	PO	93	176.19	-47.5%	126.65	-27.0%	128	209.35	-38.9%
PALLADIUM	PAO	405	195.48	107.1%	196.9	105.6%	277	158.38	75.1%
SILVER	SO1	6	10.29	-45.2%	0	-	3	1.71	85.0%
SILVER	SO2	1	11.19	-92.3%	0	-	1	1.34	-24.2%
SILVER	SO3	0	8.57	-97.9%	0.4	-54.6%	3	2.21	26.9%
SILVER	SO4	3	6.76	-60.3%	0.7	283.1%	1	1.02	-12.6%
SILVER	SO5	0	0	-	0.05	-100.0%	0	1.19	-98.4%

### Energy Futures

CRUDE OIL PHY	CL	1,137,758	1,096,161.1	3.8%	1,378,540.6	-17.5%	1,248,630	1,073,394.44	16.3%
CRUDE OIL	WS	312	20.19	1443.0%	387.5	-19.6%	282	397.09	-28.9%
MINY WTI CRUDE OIL	QM	10,634	10,853.38	-2.0%	12,282.35	-13.4%	12,377	13,566.32	-8.8%
BRENT OIL LAST DAY	BZ	65,499	73,727.19	-11.2%	80,768.4	-18.9%	90,357	90,860.81	-0.6%
HEATING OIL PHY	HO	174,982	151,578.1	15.4%	178,894.6	-2.2%	174,012	155,014.21	12.3%
HTG OIL	BH	3	1.14	186.4%	2.5	30.9%	2	25.84	-93.7%
MINY HTG OIL	QH	0	0.33	-59.1%	0.2	-31.8%	0	0.45	-70.5%
RBOB PHY	RB	169,752	162,528.43	4.4%	206,955.4	-18.0%	203,929	182,678.35	11.6%
MINY RBOB GAS	QU	0	0.14	27.2%	0.2	-9.1%	0	0.21	-4.4%
NATURAL GAS	HP	5,656	6,879.62	-17.8%	5,582.4	1.3%	6,676	6,121.24	9.1%
LTD NAT GAS	HH	12,097	11,784.38	2.7%	14,643.15	-17.4%	13,860	11,048.21	25.5%
MINY NATURAL GAS	QG	1,113	1,584.57	-29.8%	870.3	27.8%	1,158	1,208.4	-4.2%
PJM MONTHLY	JM	0	0	-	0	-	1	13.8	-95.9%
NATURAL GAS PHY	NG	481,057	487,621.95	-1.3%	424,939.6	13.2%	418,498	374,306.61	11.8%
RBOB GAS	RT	100	66.48	49.9%	167.05	-40.4%	118	62.78	87.3%
3.5% FUEL OIL CID MED SWA	7D	2	17.1	-87.2%	1.5	45.5%	5	12.62	-63.6%
3.5% FUEL OIL CIF BALMO S	8D	0	3.19	-100.0%	0	-	1	1.32	-36.8%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-

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AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	1.14	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	5.71	-100.0%	0	-	0	29.64	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	25.1	-100.0%	0	-	0	38.6	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	42.19	-100.0%	0	-	0	21.36	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-	0	0.62	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	1,053	435.57	141.7%	1,124.05	-6.3%	499	594.15	-16.0%
ARGUS PROPAN FAR EST INDE	7E	146	84.9	71.4%	163.75	-11.1%	117	74.11	57.6%
ARGUS PROPAN(SAUDI ARAMCO	9N	54	40.52	33.9%	63.6	-14.7%	49	42.24	17.1%
AUSTRIALIAN COKE COAL	ALW	0	10.86	-100.0%	0	-	5	19.18	-75.1%
BRENT BALMO SWAP	J9	0	32.48	-100.0%	5	-100.0%	3	9.37	-70.6%
BRENT CALENDAR SWAP	CY	102	47.62	113.7%	106.35	-4.3%	134	90.49	48.3%
BRENT FINANCIAL FUTURES	BB	46	23.81	95.1%	0	-	200	13.82	1348.4%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	6.78	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	5	-100.0%	3.9	-100.0%	1	11.97	-88.9%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAISO SP15 EZGNHUB5 MW P	9X	0	853.81	-100.0%	0	-	38	85.38	-55.7%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	1	53.57	-97.5%	2.25	-39.4%	35	94.43	-63.0%
CENTERPOINT BASIS SWAP	PW	0	10.19	-100.0%	0	-	3	62.76	-95.9%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	3.52	-100.0%
CHICAGO ETHANOL SWAP	CU	5,992	4,766.62	25.7%	4,607.3	30.1%	5,418	4,793.94	13.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	2	6.29	-67.5%	10.35	-80.2%	7	13.04	-45.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	9.95	-100.0%
CIG BASIS	CI	0	152.95	-100.0%	0	-	3	372.19	-99.1%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	3	5.02	-31.7%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0.29	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	2,370	-100.0%	1,553	1,423.62	9.1%
CIN HUB 5MW D AH PK	H5	23	10.57	118.4%	148.15	-84.4%	84	98.86	-14.8%
CIN HUB 5MW REAL TIME O P	H4	0	190.48	-100.0%	0	-	1,890	4,733.26	-60.1%
CIN HUB 5MW REAL TIME PK	H3	10	30.48	-68.7%	22	-56.6%	122	312.2	-60.9%
COAL SWAP	ACM	5	8.1	-38.2%	13.75	-63.6%	8	12.49	-38.8%

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COAL SWAP	SSI	0	0	-	0	-	0	0.89	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	10.19	-100.0%	0	-	5	104.38	-95.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	0	10.51	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	6	14.8	-57.1%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	12	0	-	3.65	227.5%	13	7.91	70.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	28	1.19	2210.0%	33.1	-16.9%	38	12.11	213.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	333	504.48	-33.9%	526.95	-36.7%	421	344.56	22.3%
CRUDE OIL	CHB	0	0	-	0	-	0	0.29	-100.0%
CRUDE OIL	LPS	205	195.48	4.8%	162.25	26.3%	187	231.52	-19.3%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	0	0	-	78.9	-100.0%	27	4.67	475.6%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	16	25.71	-38.1%	9	76.8%	12	7.71	57.4%
CRUDE OIL OUTRIGHTS	DBL	0	9.52	-100.0%	5	-100.0%	8	4.05	91.2%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	2	0	-
CRUDE OIL OUTRIGHTS	GSW	2	0	-	0	-	1	0.43	72.2%
CRUDE OIL OUTRIGHTS	HTT	2,028	125.24	1519.3%	1,589.5	27.6%	797	100.59	692.4%
CRUDE OIL OUTRIGHTS	LSW	72	0	-	22.5	218.2%	14	0	-
CRUDE OIL OUTRIGHTS	SSW	4	0	-	3.75	9.1%	5	0	-
CRUDE OIL OUTRIGHTS	WCC	0	248.57	-100.0%	0	-	118	237.5	-50.4%
CRUDE OIL OUTRIGHTS	WCW	377	0	-	319.75	17.9%	265	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	11.9	-100.0%	0	-	0	3.21	-100.0%
CRUDE OIL SPRDS	WTT	1,593	756.43	110.6%	537.5	196.4%	465	179.1	159.7%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-
DAILY PJM	NOC	0	0	-	0	-	0	0	-
DAILY PJM	PAP	0	0	-	0	-	0	0	-
DAILY PJM	PEO	0	0	-	0	-	0	0	-
DAILY PJM	PNO	0	0	-	0	-	0	0	-
DAILY PJM	PNP	0	0	-	0	-	0	0	-
DAILY PJM	PWO	0	0	-	0	-	0	0	-
DAILY PJM	PWP	0	0	-	0	-	0	0	-
DAILY PJM	WOR	0	0	-	0	-	0	12.95	-100.0%

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DAILY PJM	ZAO	0	0	-	0	-	0	0	-
DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	7	0.95	600.0%
DATED TO FRONTLINE BRENT	FY	23	121.43	-81.3%	100	-77.3%	67	71.71	-6.7%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-	0	3.81	-100.0%
DEMARCO SWING SWAP	DT	0	0	-	0	-	0	0.3	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.6	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-	0	0.29	-100.0%
DOMINION TRAN INC - APP I	IH	0	125.71	-100.0%	0	-	0	95.21	-100.0%
DOMINION TRANSMISSION INC	PG	4	1,386.62	-99.7%	0	-	231	1,006.1	-77.0%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	1.31	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	225	95.38	135.9%	0	-	370	88.19	320.0%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	7	0	-
EASTERN RAIL DELIVERY CSX	QX	5	51.43	-90.7%	5	-4.5%	23	60.68	-62.0%
EAST/WEST FUEL OIL SPREAD	EW	0	2.14	-100.0%	0	-	6	1.53	291.0%
EIA FLAT TAX ONHWAY DIESE	A5	16	26.38	-37.8%	47.65	-65.6%	36	50.18	-28.6%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-	0	0	-
ELEC FINSETTLED	47	0	0	-	0	-	0	6.05	-100.0%
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	18	0	-
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	334	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-	3	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	111.81	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-	0	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	87.62	-100.0%	0	-	0	8.76	-100.0%
ELEC WEST POWER PEAK	MDC	0	256.67	-100.0%	0	-	7	25.67	-71.4%
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-	0	7.68	-100.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-

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ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	0	-	0	-	18	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	1,818	0	-	0	-	362	20.38	1673.8%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-	22	1.12	1904.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	218	122.14	78.1%	169.6	28.3%	183	105.92	73.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0.24	-100.0%	0	-	0	1.07	-92.0%
EURO 3.5% FUEL OIL RDAM B	KR	11	14	-21.4%	13.95	-21.1%	20	15.71	25.4%
EURO 3.5% FUEL OIL SPREAD	FK	0	39.33	-100.0%	4.5	-100.0%	20	28.35	-28.0%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	7.5	-100.0%	7	0.75	858.2%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.01	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	-	4.05	-100.0%	2	3.23	-37.4%
EUROPE 1% FUEL OIL NWE CA	UF	1	4.86	-81.3%	0.3	203.0%	3	6.94	-51.3%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0.64	-70.9%
EUROPE 3.5% FUEL OIL MED	UI	8	18.48	-58.7%	1.95	291.6%	7	16.82	-60.9%
EUROPE 3.5% FUEL OIL RDAM	UV	231	485.14	-52.4%	201.45	14.6%	330	326.8	1.1%
EUROPEAN GASOIL (ICE)	7F	39	330.38	-88.1%	45.05	-12.9%	140	7,389.84	-98.1%
EUROPEAN NAPHTHA BALMO	KZ	9	12.29	-30.8%	13.2	-35.6%	17	8.08	107.5%
EUROPEAN NAPHTHA CRACK SPR	EN	184	365.57	-49.8%	306.8	-40.2%	323	248.95	29.7%
EUROPE DATED BRENT SWAP	UB	0	0	-	30	-100.0%	12	126.61	-90.4%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0.15	-100.0%	1	0.18	176.2%
EUROPE NAPHTHA CALSWAP	UN	103	87.95	17.5%	108.55	-4.8%	132	70.63	87.0%
EURO PROPANE CIF ARA SWA	PS	71	78.71	-9.9%	78.1	-9.2%	60	61.92	-3.6%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	0	39.57	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-	0	25.95	-100.0%
FREIGHT MARKETS	FLP	8	8.95	-15.7%	7.7	-2.0%	8	9.45	-19.2%
FUEL OIL CRACK VS ICE	FO	144	126.76	13.3%	86.45	66.2%	180	208.68	-13.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.15	-100.0%
FUEL OIL (PLATS) CAR CM	1W	1	0.24	281.8%	0	-	0	5.34	-98.2%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.26	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	6	5.19	20.0%	5.5	13.2%	13	15.3	-12.8%
GAS EURO-BOB OXY NWE BARGES	7H	191	281.24	-31.9%	203.9	-6.1%	313	327.03	-4.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	689	551.14	25.0%	1,057.25	-34.8%	911	669.95	36.0%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.03	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0.36	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.9	-73.7%
GASOIL 0.1 CIF NWE VS ISE	TU	0	1.19	-100.0%	0	-	0	0.17	-100.0%

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<b>Energy Futures</b>									
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0.02	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.02	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	1	2.86	-61.8%	0	-	1	0.57	45.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.24	90.9%	0.75	-39.4%	1	0.14	266.6%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.07	66.7%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.01	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0.24	-100.0%	6	-100.0%	3	4.26	-20.4%
GASOIL BULLET SWAP	BG	0	0	-	5	-100.0%	1	0	-
GASOIL CALENDAR SWAP	GX	0	0	-	0.15	-100.0%	1	1.5	-22.3%
GASOIL CRACK SPREAD CALEN	GZ	108	162.86	-33.8%	248.35	-56.6%	323	238.02	35.6%
GASOIL MINI CALENDAR SWAP	QA	2	11.43	-80.1%	5.45	-58.3%	6	11.47	-44.0%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	0	3.86	-100.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	1	1.43	-58.3%
GRP THREE ULSD(PLT)VS HEA	A6	260	226.19	14.7%	312.9	-17.1%	201	133.54	50.8%
GRP THREE UNL GS (PLT) VS	A8	110	165.24	-33.7%	121.25	-9.7%	48	75.67	-36.2%
GULF COAST 3% FUEL OIL BA	VZ	24	30.14	-19.9%	83.85	-71.2%	55	32.8	68.5%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	6.19	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	16.29	-100.0%	0	-	4	7.99	-43.8%
GULF COAST JET VS NYM 2 H	ME	1,216	1,510.86	-19.5%	2,046.5	-40.6%	2,037	1,558.96	30.6%
GULF COAST NO.6 FUEL OIL	MF	1,770	2,806.38	-36.9%	2,707	-34.6%	2,430	2,738.17	-11.3%
GULF COAST NO.6 FUEL OIL	MG	67	42	59.1%	18.75	256.4%	59	32.7	80.6%
GULF COAST ULSD CALENDAR	LY	22	38.86	-42.6%	47.45	-53.0%	26	42.51	-38.2%
GULF COAST ULSD CRACK SPR	GY	0	34.52	-100.0%	0	-	18	32.77	-43.8%
HEATING OIL BALMO CLNDR S	1G	0	5.95	-100.0%	0	-	4	2.19	80.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.1	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	78	346.19	-77.5%	0	-	251	898.75	-72.1%
HENRY HUB FINANCIAL LAST	NBP	67	0	-	20.25	232.7%	12	0	-
HENRY HUB FINANCIAL LAST	TTE	10	0	-	20.5	-51.4%	4	0	-
HENRY HUB INDEX SWAP FUTU	IN	78	302.86	-74.3%	0	-	241	812.54	-70.4%
HENRY HUB SWAP	NN	6,782	22,253.81	-69.5%	12,823.15	-47.1%	8,886	20,173.54	-56.0%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	1.38	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	96.95	-100.0%	0	-	18	144.76	-87.6%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	0	0.89	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	3	0	-
ICE BRENT DUBAI SWAP	DB	810	352.38	130.0%	436.5	85.7%	464	73.85	528.4%



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<b>Energy Futures</b>									
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0	-
IN DELIVERY MONTH EUA	6T	0	247.62	-100.0%	0	-	14	150	-91.0%
INDIANA MISO	FAD	0	0	-	0	-	0	0	-
INDIANA MISO	FTD	0	0	-	0	-	0	0	-
INDIANA MISO	FTM	0	0	-	0	-	0	0	-
INDIANA MISO	PDD	0	0	-	0	-	0	0.53	-100.0%
INDIANA MISO	PDM	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0	-	0	-	0	1.05	-97.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.1	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	26	19.38	31.8%	31	-17.6%	28	20.09	37.8%
JAPAN C&F NAPHTHA SWAP	JA	50	50.14	0.1%	75.6	-33.6%	72	58.73	23.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0.24	90.9%	4.3	-89.4%	7	1.79	276.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	1	0	-	0	-	0	0.82	-79.1%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.1	-100.0%
JET CIF NWE VS ICE	JC	3	0.24	1026.3%	4.1	-34.6%	5	3.76	23.4%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.01	150.5%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.14	106.6%
JET FUEL UP-DOWN BALMO CL	1M	353	376.95	-6.5%	364.95	-3.4%	344	201.93	70.4%
LA CARB DIESEL (OPIS)	LX	0	2.48	-100.0%	0	-	0	0.25	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	1	29.76	-96.2%	15	-92.4%	10	34.18	-72.2%
LA CARBOB GASOLINE(OPIS)S	JL	1	0	-	28.75	-96.0%	12	28.33	-58.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0.48	-100.0%	0	-	0	3.86	-96.9%
LA JET (OPIS) SWAP	JS	61	91.67	-33.1%	69	-11.1%	86	96.72	-10.8%
LLS (ARGUS) VS WTI SWAP	WJ	171	183.81	-6.8%	535.3	-68.0%	227	305.1	-25.5%
MARS (ARGUS) VS WTI SWAP	YX	142	185.9	-23.5%	213.4	-33.3%	155	194.39	-20.0%
MARS (ARGUS) VS WTI TRD M	YV	1,056	908.38	16.2%	1,369.25	-22.9%	936	562.13	66.6%
MARS BLEND CRUDE OIL	MB	68	2.38	2763.6%	25	172.7%	67	76.3	-12.8%
MCCLOSKEY ARA ARGS COAL	MTF	1,490	5,436.29	-72.6%	2,054.2	-27.5%	2,161	7,808.76	-72.3%
MCCLOSKEY RCH BAY COAL	MFF	149	598.29	-75.2%	190	-21.8%	240	809.2	-70.4%
MGF FUT	MGF	0	0	-	0	-	1	0.48	186.0%
MGN1 SWAP FUT	MGN	1	3.19	-64.4%	1.25	-9.1%	5	6.8	-29.6%
MICHCON NG INDEX SWAP	Y8	0	17.14	-100.0%	0	-	0	10.48	-100.0%
MICHIGAN BASIS	NF	0	114.86	-100.0%	0	-	12	117.92	-89.5%



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<b>Energy Futures</b>									
MICHIGAN MISO	HMO	0	0	-	2,370	-100.0%	507	607.81	-16.6%
MICHIGAN MISO	HMW	0	0	-	126.75	-100.0%	27	34.48	-20.9%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	16	18.43	-11.0%	5.15	218.6%	22	20.17	6.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	25	10.48	140.4%	50	-49.6%	27	11.6	131.4%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	50	113.38	-55.9%	49.6	0.8%	110	67.61	62.9%
MJC FUT	MJC	7	2.38	176.8%	16	-58.8%	6	4.17	36.0%
MNC FUT	MNC	125	149.95	-16.9%	165.2	-24.6%	196	184.87	6.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	951	3,804.52	-75.0%	896.9	6.1%	1,092	2,325.21	-53.0%
MONT BELVIEU ETHANE OPIS BALMO	8C	4	20.24	-79.1%	7.5	-43.6%	13	7	83.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	4,901	6,310.43	-22.3%	4,763.25	2.9%	4,383	5,516.34	-20.5%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	43	70.9	-40.0%	74.35	-42.8%	81	43.72	84.3%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	441	244.71	80.1%	305.5	44.2%	229	381.95	-40.1%
MONT BELVIEU NATURAL GASOLINE BALM	R0	17	1.19	1293.6%	29.95	-44.6%	14	8.39	62.6%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,573	1,796.05	-12.4%	1,277.4	23.1%	1,357	1,294.12	4.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	35	15.38	130.2%	13.8	156.6%	34	29.13	17.0%
NAT GAS BASIS SWAP	TZ6	0	152.86	-100.0%	0	-	10	168.14	-93.9%
NATURAL GAS	HBI	0	168.57	-100.0%	0	-	0	16.86	-100.0%
NATURAL GAS	XIC	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	2	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	MFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	PFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	WFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	ZTS	0	0	-	0	-	0	0	-
NATURAL GAS INDEX	TZI	0	0	-	0	-	3	31.91	-90.2%
NATURAL GAS PEN SWP	NP	2,429	4,965.76	-51.1%	4,510.9	-46.2%	4,008	5,155.6	-22.3%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	56.79	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	3.02	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	1,366.19	-100.0%	702	-100.0%	1,120	2,301.14	-51.3%
NEPOOL INTR HUB 5MW D AH	U6	0	556.9	-100.0%	38.25	-100.0%	82	210.02	-60.8%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	702	-100.0%	67	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	38.25	-100.0%	4	3.05	19.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-	0	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-	0	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-	0	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-	0	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-	0	19.05	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	8.02	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	41	58.81	-30.4%	74.25	-44.9%	39	70.79	-45.2%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	1	12.38	-89.0%	18.4	-92.6%	19	141.1	-86.3%
NGPL MIDCONTINENT INDEX	IW	0	8.57	-100.0%	0	-	0	37.34	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-	0	2.95	-100.0%
NGPL TEX/OK	PD	0	40.95	-100.0%	18.4	-100.0%	39	137.92	-71.9%
NGPL TEXOK INDEX	OI	0	0	-	0	-	0	1.71	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-	17	12.2	42.8%
NORTHERN NATURAL GAS DEMAR	PE	0	83.9	-100.0%	0	-	0	18.74	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	64	-100.0%	0	-	0	41.6	-99.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	557.43	-100.0%	0	-	15	749.59	-98.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	2	0	-
NY1% VS GC SPREAD SWAP	VR	97	125.24	-22.8%	91.5	5.6%	105	112.66	-7.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	2.33	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	29.76	-100.0%	3.75	-100.0%	16	10.12	53.4%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0.48	-75.3%
NY HARBOR HEAT OIL SWP	MP	39	42.71	-8.7%	39.15	-0.4%	107	108.07	-1.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	3.57	-100.0%	0	-	20	23.96	-15.1%
NY HARBOR RESIDUAL FUEL 1	MM	120	200.33	-40.1%	109.8	9.4%	120	168.83	-28.7%
NYH NO 2 CRACK SPREAD CAL	HK	51	238.33	-78.8%	57.15	-11.6%	65	95.72	-32.3%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-	0	0	-
NYISO A	KA	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	0	-
NYISO CAPACITY	LHV	8	0	-	0.3	2445.5%	2	0.8	169.6%
NYISO CAPACITY	NNC	24	4.57	415.1%	8.9	164.6%	11	8.44	30.1%
NYISO CAPACITY	NRS	43	5.33	713.1%	13.8	214.2%	13	10.35	27.3%
NYISO G	KG	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-
NYISO J	KJ	0	0	-	0	-	0	0.82	-100.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0.38	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-	156	1,139.83	-86.3%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	32	17.14	89.3%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	258.52	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	1	7.2	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	1,008.33	-100.0%	2,393.25	-100.0%	3,717	1,932.77	92.3%
NYISO ZONE G 5MW D AH PK	T3	0	80.71	-100.0%	111.75	-100.0%	262	158.99	64.9%
NYISO ZONE J 5MW D AH O P	D4	0	2,122.62	-100.0%	0	-	1,079	747	44.4%
NYISO ZONE J 5MW D AH PK	D3	0	151.43	-100.0%	90.5	-100.0%	119	64.62	84.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-	0	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	0	2.62	-100.0%	0.6	-100.0%	39	35.55	10.3%
ONEOK OKLAHOMA NG BASIS	8X	27	0	-	49.6	-45.0%	9	5.07	67.9%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	0.76	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	17.86	-100.0%
ONTARIO POWER SWAPS	OPD	0	4.05	-100.0%	0.5	-100.0%	2	2.24	7.4%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	3	2.1	47.7%
PANHANDLE BASIS SWAP FUTU	PH	0	388.38	-100.0%	0	-	15	410.77	-96.5%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	0	16.53	-100.0%
PANHANDLE PIPE SWAP	XH	107	0	-	0	-	15	0	-
PERMIAN BASIS SWAP	PM	0	304.33	-100.0%	18.6	-100.0%	7	213.32	-96.9%
PETROCHEMICALS	22	2	2.24	-2.5%	6.1	-64.2%	4	2.21	68.0%
PETROCHEMICALS	32	6	3.1	108.5%	1.85	248.9%	5	2.86	74.7%
PETROCHEMICALS	8I	32	28.76	10.5%	21.8	45.7%	29	12.01	141.8%
PETROCHEMICALS	91	14	8.52	63.7%	9.6	45.4%	11	8.01	33.9%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.23	-100.0%
PETROCHEMICALS	JKM	3	0	-	9.5	-71.3%	3	0	-
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0.52	-54.5%
PETROCHEMICALS	MAE	5	2.86	75.0%	8	-37.5%	2	2.12	-7.9%
PETROCHEMICALS	MAS	3	1.43	90.9%	5	-45.5%	2	4.71	-62.1%
PETROCHEMICALS	MBE	25	122.86	-79.3%	78.5	-67.6%	57	139.52	-58.8%
PETROCHEMICALS	MNB	67	45.9	46.3%	108.25	-38.0%	82	93.57	-12.4%

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<b>Energy Futures</b>									
PETROCHEMICALS	MPS	0	0	-	1	-100.0%	0	0	-
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	7.5	-100.0%	1	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	2	-100.0%	1	5	-82.7%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	1	0.3	312.4%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	6	0.38	1537.3%
PETRO CRCKS & SPRDS NA	CRB	5	7.14	-36.4%	18.5	-75.4%	12	5.66	104.4%
PETRO CRCKS & SPRDS NA	EXR	99	85.14	16.4%	88.2	12.3%	119	69.63	71.0%
PETRO CRCKS & SPRDS NA	FOC	0	42.86	-100.0%	53.75	-100.0%	34	47.64	-29.5%
PETRO CRCKS & SPRDS NA	GBB	126	14.29	784.5%	93.25	35.5%	55	11.38	386.5%
PETRO CRCKS & SPRDS NA	GCC	7	17.86	-61.8%	0	-	6	9.64	-35.3%
PETRO CRCKS & SPRDS NA	GCI	29	102.71	-72.2%	31.6	-9.5%	49	55.09	-11.4%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0.31	-10.6%
PETRO CRCKS & SPRDS NA	GCU	213	402	-47.0%	165.9	28.4%	265	345.88	-23.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	3	0.61	314.7%
PETRO CRCKS & SPRDS NA	HOB	68	23.1	195.2%	32.25	111.4%	142	166.23	-14.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.14	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	10.48	-100.0%	0	-	1	4.8	-89.2%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	5	2.33	129.6%
PETRO CRCKS & SPRDS NA	NYH	0	7.14	-100.0%	0	-	0	2.14	-100.0%
PETRO CRCKS & SPRDS NA	RBB	381	633.38	-39.9%	111.4	241.6%	372	485.5	-23.4%
PETRO CRCKS & SPRDS NA	RVG	601	307.48	95.5%	654	-8.1%	749	394.61	89.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.16	-55.9%
PETRO CRK&SPRD EURO	1NB	44	50	-11.4%	26.95	64.4%	60	78.07	-23.3%
PETRO CRK&SPRD EURO	1ND	9	0	-	11.25	-19.2%	2	0	-
PETRO CRK&SPRD EURO	43	18	29.05	-37.3%	46.15	-60.5%	16	10.23	56.1%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	44	171.71	-74.1%	64	-30.5%	87	103.85	-16.5%
PETRO CRK&SPRD EURO	EGB	0	0	-	0.25	-100.0%	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EOB	0	0.29	-100.0%	0.3	-100.0%	1	0.46	30.9%
PETRO CRK&SPRD EURO	EPN	22	12.67	74.4%	38.8	-43.1%	22	11.78	88.4%
PETRO CRK&SPRD EURO	EVC	74	152.19	-51.2%	68	9.3%	111	79.79	39.4%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	2.29	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	16.43	-100.0%	0	-	4	5.38	-34.6%

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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	GOC	0	0	-	0.75	-100.0%	1	0.47	21.2%
PETRO CRK&SPRD EURO	MGB	0	1.9	-100.0%	0	-	0	0.19	75.0%
PETRO CRK&SPRD EURO	MUD	0	2.24	-89.8%	1.3	-82.5%	4	5.71	-25.9%
PETRO CRK&SPRD EURO	NBB	0	0.48	-100.0%	0.5	-100.0%	1	0.94	-32.3%
PETRO CRK&SPRD EURO	NOB	37	25.76	44.7%	61.75	-39.6%	52	23	124.1%
PETRO CRK&SPRD EURO	SFB	0	2.38	-100.0%	0	-	1	0.79	7.9%
PETROLEUM PRODUCTS	D46	0	0	-	0	-	0	0.14	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	118	288.67	-59.0%	90.75	30.5%	117	56.95	105.9%
PETROLEUM PRODUCTS	MBS	0	0.38	-100.0%	0	-	0	2.66	-85.7%
PETROLEUM PRODUCTS	MGS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0.14	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	6.49	-92.7%
PETROLEUM PRODUCTS	VU	15	55.81	-72.3%	10	54.5%	14	17.13	-16.2%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	1.5	-100.0%	1	2.22	-52.5%
PETROLEUM PRODUCTS ASIA	MJN	48	88.29	-45.9%	60.8	-21.5%	87	61.64	41.9%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	OB	0	3.33	-100.0%	0.5	-100.0%	1	6.52	-91.8%
PETRO OUTRIGHT EURO	OC	1	0	-	0.5	81.8%	0	0.96	-85.1%
PETRO OUTRIGHT EURO	OD	107	239	-55.0%	67.7	58.7%	112	190.41	-41.3%
PETRO OUTRIGHT EURO	OE	3	60.48	-95.8%	4.5	-43.4%	20	45.06	-56.7%
PETRO OUTRIGHT EURO	OF	27	94.9	-71.6%	30.8	-12.3%	52	60.46	-14.1%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.1	410.2%
PETRO OUTRIGHT EURO	33	0	2.86	-100.0%	0	-	0	1.61	-76.4%
PETRO OUTRIGHT EURO	5L	7	11.43	-35.2%	2.75	169.4%	3	8.82	-61.7%
PETRO OUTRIGHT EURO	63	0	6.1	-100.0%	1.5	-100.0%	4	6.88	-46.9%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	4	5.43	-23.0%	9.5	-56.0%	6	7.2	-23.5%
PETRO OUTRIGHT EURO	7R	8	15.38	-46.8%	5.45	50.1%	11	13.05	-13.9%
PETRO OUTRIGHT EURO	88	1	0	-	0	-	0	0.26	9.1%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	1	0	-	1.25	-9.1%	0	0.03	732.5%
PETRO OUTRIGHT EURO	CPB	17	2.76	523.7%	11.05	55.9%	14	4.76	185.1%
PETRO OUTRIGHT EURO	EFF	1	4.05	-77.5%	0	-	1	2.39	-38.1%
PETRO OUTRIGHT EURO	EFM	0	1.19	-100.0%	0	-	2	3.17	-31.9%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	ENS	0	1.9	-100.0%	1.5	-100.0%	1	5.53	-84.5%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	37	3.67	900.4%	25.7	42.7%	34	8.2	312.9%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-	0	0.1	0.0%
PETRO OUTRIGHT EURO	MBB	2	0	-	1	127.3%	3	0.4	554.8%
PETRO OUTRIGHT EURO	MBN	38	80.48	-52.6%	61	-37.4%	50	73.18	-31.7%
PETRO OUTRIGHT EURO	SMU	0	4.76	-100.0%	0	-	0	1.62	-88.2%
PETRO OUTRIGHT EURO	T0	0	43.29	-100.0%	0	-	1	6.32	-87.6%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	2	2.33	-23.5%
PETRO OUTRIGHT EURO	V0	0	5	-100.0%	0	-	1	0.5	42.9%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0.24	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	0.71	-100.0%
PETRO OUTRIGHT NA	FCB	10	64.67	-84.3%	1.95	419.8%	9	12.37	-29.3%
PETRO OUTRIGHT NA	FOM	0	0.24	-100.0%	0	-	0	0.04	524.9%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT NA	JE	0	0	-	0	-	2	2.09	-4.3%
PETRO OUTRIGHT NA	JET	46	455.71	-89.9%	336.25	-86.3%	197	217.64	-9.5%
PETRO OUTRIGHT NA	JTB	64	0	-	42.5	51.1%	16	0	-
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	1	1.11	13.7%
PETRO OUTRIGHT NA	MEN	19	21.33	-13.1%	26.15	-29.1%	28	29.9	-5.1%
PETRO OUTRIGHT NA	MEO	156	558.24	-72.1%	348.6	-55.4%	423	489.84	-13.6%
PETRO OUTRIGHT NA	MFD	0	7.52	-100.0%	0	-	1	5.04	-80.8%
PETRO OUTRIGHT NA	MMF	1	16.1	-92.9%	2.35	-51.6%	2	7.55	-67.8%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	3	0.48	525.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	2,411.9	-100.0%	0	-	1,302	5,939.32	-78.1%
PJM AD HUB 5MW REAL TIME	Z9	19	254.05	-92.5%	21	-9.1%	109	477.69	-77.2%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-	0	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-	0	0	-
PJM APS ZONE DA OFF-PEAK	W4	0	0	-	0	-	0	0	-
PJM APS ZONE DA PEAK	S4	0	0	-	0	-	0	0	-
PJM ATSI ELEC	MOD	0	0	-	0	-	223	28.6	679.4%
PJM ATSI ELEC	MPD	0	0	-	0	-	12	1.5	709.5%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	111.43	-100.0%
PJM BGE DA PEAK	E3	0	0	-	0	-	0	6.07	-100.0%

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<b>Energy Futures</b>									
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	407	1,226.1	-66.8%
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	22	69.76	-68.1%
PJM DAILY	JD	0	0	-	0	-	0	6.19	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	1,010	130.05	676.3%
PJM DAYTON DA PEAK	D7	0	0	-	0	-	25	104.49	-76.1%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	B3	0	161.43	-100.0%	0	-	377	333.47	13.0%
PJM NI HUB 5MW REAL TIME	B6	0	5,940.95	-100.0%	0	-	8,098	7,860.49	3.0%
PJM NILL DA OFF-PEAK	L3	110	426.9	-74.2%	0	-	3,275	4,210.37	-22.2%
PJM NILL DA PEAK	N3	11	9.1	22.9%	0	-	187	207.88	-9.9%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0.67	-100.0%
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	0	780	-100.0%
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	24.29	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	259	3,928.62	-93.4%
PJM WESTHDA PEAK	J4	0	0	-	0	-	41	217.49	-81.1%
PJM WESTH RT OFF-PEAK	N9	0	12,280	-100.0%	1,170	-100.0%	10,278	29,009.24	-64.6%
PJM WESTH RT PEAK	L1	47	1,701.38	-97.2%	354.75	-86.7%	971	2,765.31	-64.9%
PLASTICS	PGP	5	21.52	-74.7%	60.2	-90.9%	27	16	70.1%
PREMIUM UNLD 10P FOB MED	3G	6	2.19	190.5%	1.9	234.9%	3	12.51	-74.5%
PREMIUM UNLEAD 10PPM FOB	8G	0	2.9	-100.0%	0	-	1	1.69	-57.1%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.03	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0.05	-100.0%	0	-	0	1.3	-86.5%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	3	18.48	-84.5%	30	-90.5%	23	27.31	-14.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	396	750.67	-47.2%	264.4	49.9%	327	518.09	-36.8%
RBOB CALENDAR SWAP	RL	235	327.81	-28.4%	370.45	-36.6%	343	319.38	7.4%
RBOB CRACK SPREAD	RM	124	85.71	44.9%	111	11.9%	48	70.36	-31.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	1.67	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	99	11.67	747.8%	61.75	60.2%	45	33.31	36.5%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-



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<b>Energy Futures</b>									
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-	0	43.82	-100.0%
RBOB VS HEATING OIL SWAP	RH	7	43.57	-84.4%	30	-77.3%	80	75.1	7.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	0	4.98	-100.0%
SAN JUAN BASIS SWAP	NJ	0	421.38	-100.0%	0	-	11	329.91	-96.7%
SINGAPORE 180CST BALMO	BS	2	2	-13.6%	0.5	245.5%	3	2.53	7.7%
SINGAPORE 380CST BALMO	BT	6	1.19	384.9%	17.3	-66.6%	10	6.46	58.8%
SINGAPORE 380CST FUEL OIL	SE	366	417.57	-12.4%	363.35	0.6%	465	356.6	30.3%
SINGAPORE FUEL 180CST CAL	UA	33	61.62	-46.2%	36	-7.8%	50	54.21	-7.5%
SINGAPORE FUEL OIL SPREAD	SD	12	41.95	-70.7%	21.35	-42.5%	32	28.69	12.8%
SINGAPORE GASOIL	MTB	5	3.9	30.4%	3.75	35.8%	7	10.2	-30.4%
SINGAPORE GASOIL	MTS	140	183.19	-23.6%	269.15	-48.0%	229	178.86	28.2%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.48	-100.0%
SINGAPORE GASOIL	STZ	0	0	-	0	-	4	0.86	344.5%
SINGAPORE GASOIL CALENDAR	MSG	16	0.29	5611.7%	4.35	275.1%	13	2.73	364.2%
SINGAPORE GASOIL SWAP	SG	306	726.1	-57.9%	126.75	141.4%	419	280.31	49.3%
SINGAPORE GASOIL VS ICE	GA	3	214.52	-98.4%	89.5	-96.2%	334	110.25	202.9%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	3	0.74	243.6%
SINGAPORE JET KERO GASOIL	RK	6	44.05	-87.1%	33.25	-82.9%	86	39.88	115.9%
SINGAPORE JET KEROSENE SW	KS	14	41.33	-65.4%	25.5	-43.9%	60	30.94	94.4%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	2.38	-100.0%	2.5	-100.0%	0	0.24	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	12	41.62	-70.9%	0	-	7	18.18	-59.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	267	958.24	-72.1%	205.75	29.8%	346	392.33	-11.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.1	-100.0%
SING FUEL	MSD	0	0	-	1.5	-100.0%	0	0.14	133.2%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	27.92	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	1.75	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	2.91	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	19.05	-100.0%	0	-	0	10.49	-100.0%
Sumas Basis Swap	NK	0	36.14	-100.0%	0	-	30	74.46	-60.1%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	1	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.07	-100.0%
TCO BASIS SWAP	TC	3	116.19	-97.8%	0	-	39	157.49	-75.0%
TCO NG INDEX SWAP	Q1	0	11.43	-100.0%	0	-	0	1.14	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	1	0	-	0	-	0	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	0	6.12	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	2	7.76	-73.7%

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<b>Energy Futures</b>									
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	7.27	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	14.42	-100.0%
TETCO M-3 INDEX	IX	0	11.43	-100.0%	0	-	0	39.83	-100.0%
Tetco STX Basis	TX	0	0	-	0	-	0	7.67	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	327.86	-100.0%	0	-	41	381.15	-89.3%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	1.18	-100.0%
Transco Zone 3 Basis	CZ	0	11.43	-100.0%	0	-	1	4.91	-70.7%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	30	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	70.19	-100.0%	31	-100.0%	63	92.77	-32.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-	2	6.94	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	77.05	-100.0%	0	-	14	57.64	-76.3%
TRANSCO ZONE 6 INDEX	IT	0	11.43	-100.0%	0	-	4	32.1	-87.3%
UCM FUT	UCM FUT	0	0.33	-100.0%	0	-	1	1.56	-19.2%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-	0	0.18	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0.21	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-	0	0.79	-60.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.17	-100.0%
ULSD UP-DOWN BALMO SWP	1L	444	230.71	92.5%	401.1	10.7%	222	273.57	-18.7%
UP DOWN GC ULSD VS NMX HO	LT	2,315	2,492.38	-7.1%	2,770.15	-16.4%	2,260	2,522.81	-10.4%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	0.83	-100.0%
WAHA BASIS	NW	0	82.38	-100.0%	0	-	29	203.92	-85.8%
WAHA INDEX SWAP FUTURE	IY	0	2.86	-100.0%	0	-	0	41.56	-100.0%
WESTERN RAIL DELIVERY PRB	QP	8	28.57	-71.4%	0	-	11	43.99	-74.0%
WTI-BRENT BULLET SWAP	BY	0	0	-	25	-100.0%	4	0	-
WTI-BRENT CALENDAR SWAP	BK	1,441	381.29	277.8%	2,176.75	-33.8%	816	552.59	47.7%
WTI CALENDAR	CS	1,573	1,762.67	-10.7%	2,868.8	-45.2%	1,756	1,434.84	22.4%
WTS (ARGUS) VS WTI SWAP	FF	666	731.14	-8.9%	88.5	652.7%	253	182.81	38.5%
WTS (ARGUS) VS WTI TRD MT	FH	101	47.71	112.4%	25.8	292.9%	40	55.75	-29.0%

### Energy Options

12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	20	-100.0%	3	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	0	85.71	-100.0%	2.5	-100.0%	25	63.94	-60.2%

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<b>Energy Options</b>									
BRENT CRUDE OIL 12 M CSO	9Y	91	0	-	0	-	10	0	-
BRENT OIL LAST DAY	BE	45	4.76	841.2%	48.75	-8.1%	169	175.67	-3.6%
BRENT OIL LAST DAY	BZO	3,039	1,998.9	52.0%	4,895.05	-37.9%	1,894	927.59	104.2%
BRENT OIL LAST DAY	OS	9	0.19	4672.2%	0	-	18	58.26	-68.6%
COAL API2 INDEX	CLA	20	75.71	-74.1%	64.05	-69.4%	47	248.78	-81.1%
COAL API2 INDEX	CQA	7	0	-	0	-	4	484.45	-99.3%
COAL API2 INDEX	MTC	0	0	-	0	-	0	0.71	-66.7%
COAL API4 INDEX	RLA	0	2.38	-100.0%	0	-	0	0.48	-100.0%
COAL API4 INDEX	RQA	0	4.76	-100.0%	0	-	0	7.05	-100.0%
COAL SWAP	CPF	0	0	-	0	-	1	2.79	-69.2%
COAL SWAP	RPF	3	0	-	5	-45.5%	3	5.17	-44.3%
CRUDE OIL 1MO	WA	4,178	11,050.67	-62.2%	11,876.5	-64.8%	8,386	12,016.04	-30.2%
CRUDE OIL APO	AO	1,942	2,460.86	-21.1%	5,623.85	-65.5%	2,285	1,445.24	58.1%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	10.9	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	115	0	-	78	47.4%	56	0	-
CRUDE OIL PHY	CD	161	161.9	-0.3%	277.75	-41.9%	139	170.36	-18.6%
CRUDE OIL PHY	LC	173	551.76	-68.7%	515.5	-66.5%	1,109	1,417.33	-21.8%
CRUDE OIL PHY	LO	130,830	150,570.05	-13.1%	134,499.25	-2.7%	174,011	175,611.36	-0.9%
CRUDE OIL PHY	LO1	896	269.52	232.5%	463.45	93.4%	683	260.48	162.1%
CRUDE OIL PHY	LO2	679	179.71	277.9%	411.75	65.0%	590	191.99	207.1%
CRUDE OIL PHY	LO3	538	258.52	108.2%	35.1	1433.7%	394	132.45	197.5%
CRUDE OIL PHY	LO4	569	257.67	120.7%	744.3	-23.6%	773	214.23	260.7%
CRUDE OIL PHY	LO5	0	0	-	931.35	-100.0%	255	119.69	112.8%
ELEC FINSETTLED	PML	0	0.48	-100.0%	0	-	0	1.26	-100.0%
ELEC MISO PEAK	9T	0	40	-100.0%	0	-	4	16.29	-76.0%
ETHANOL	CE1	0	0	-	0	-	0	0.12	200.1%
ETHANOL	CE3	0	0	-	0	-	2	0.12	1200.5%
ETHANOL SWAP	CVR	352	444.67	-20.8%	413.9	-15.0%	272	305.96	-11.2%
ETHANOL SWAP	GVR	0	28.57	-100.0%	0	-	8	16.47	-54.3%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0.29	-100.0%
GASOLINE	GCE	0	0	-	0	-	0	4.15	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	1.43	-100.0%
HEATING OIL PHY	LB	1	24.05	-95.3%	50	-97.7%	13	18.23	-28.7%

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<b>Energy Options</b>									
HEATING OIL PHY	OH	1,780	1,755.24	1.4%	1,348.6	32.0%	1,536	2,443.42	-37.1%
HENRY HUB FINANCIAL LAST	E7	256	93.38	174.4%	232.75	10.1%	184	96.93	90.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	9.52	-100.0%	5	-100.0%	8	28.1	-71.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-	24	55.86	-56.5%
LLS CRUDE OIL	YVO	0	0	-	150	-100.0%	18	0	-
MCCLOSKEY ARA ARGS COAL	MTO	7	11.43	-36.4%	0	-	7	45.26	-84.7%
MCCLOSKEY RCH BAY COAL	MFO	0	4.76	-100.0%	0	-	0	11.83	-100.0%
NATURAL GAS	G10	0	0	-	0	-	2	2.38	-10.0%
NATURAL GAS 1 M CSO FIN	G4	2,467	1,688.81	46.1%	1,875	31.6%	1,849	386.16	378.7%
NATURAL GAS 2 M CSO FIN	G2	68	103.57	-34.2%	225	-69.7%	45	16.07	183.0%
NATURAL GAS 3 M CSO FIN	G3	45	9.52	377.3%	658.75	-93.1%	573	1,083.01	-47.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	19	5.71	237.5%
NATURAL GAS 6 M CSO FIN	G6	166	71.43	132.3%	410	-59.5%	241	26.67	804.8%
NATURAL GAS OPTION ON CALENDAR STR	6J	83	133.33	-37.5%	20	316.4%	47	89.56	-48.1%
NATURAL GAS PHY	KD	2,353	1,505.24	56.3%	2,923.5	-19.5%	1,919	1,524.48	25.9%
NATURAL GAS PHY	LN	112,352	95,015.62	18.2%	100,560.3	11.7%	105,538	91,871.83	14.9%
NATURAL GAS PHY	ON	10,257	14,878.71	-31.1%	8,144.35	25.9%	9,341	13,120.32	-28.8%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0.01	-100.0%
NG HH 3 MONTH CAL	IC	0	0	-	0	-	0	2.38	-100.0%
N ROCKIES PIPE SWAP	ZR	0	30	-100.0%	0	-	19	31.14	-38.4%
NY HARBOR HEAT OIL SWP	AT	129	273.62	-52.8%	98.6	31.1%	155	273.63	-43.4%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	94	2	4621.4%
NYMEX EUROPEAN GASOIL APO	F7	0	1.43	-100.0%	0	-	0	0.14	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	262	0	-	0	-	41	0	-
PETROCHEMICALS	4H	40	5.95	575.1%	108.4	-62.9%	37	52.48	-29.4%
PETROCHEMICALS	4J	5	17.38	-68.6%	5	9.1%	14	28.02	-50.0%
PETROCHEMICALS	4K	0	8.57	-100.0%	40	-100.0%	6	7.43	-23.1%
PETROCHEMICALS	CPR	0	1.19	-100.0%	0	-	0	2.48	-96.5%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	1	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	2	7.62	-70.2%	5	-54.5%	19	3.57	428.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	49.05	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	16	3.81	329.5%	2.2	643.8%	62	44.24	40.2%
RBOB 1MO CAL SPD OPTIONS	ZA	27	316.67	-91.4%	42.5	-35.8%	26	47.86	-45.2%

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<b>Energy Options</b>									
RBOB CALENDAR SWAP	RA	21	16	29.3%	0	-	13	31.36	-57.3%
RBOB PHY	OB	783	592.05	32.3%	1,603.25	-51.2%	1,281	1,700.19	-24.6%
RBOB PHY	RF	9	0	-	43.75	-79.2%	6	0.1	5702.3%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	2.48	-100.0%
SAN JUAN PIPE SWAP	PJ	16	25.71	-36.4%	45	-63.6%	15	43.37	-64.4%
SHORT TERM	U11	8	0	-	77.5	-89.4%	28	10.71	165.3%
SHORT TERM	U12	6	9.52	-40.3%	40	-85.8%	22	17.76	23.4%
SHORT TERM	U13	12	23.81	-50.0%	10.5	13.4%	12	20.29	-40.0%
SHORT TERM	U14	0	7.14	-100.0%	45	-100.0%	16	22.74	-29.7%
SHORT TERM	U15	0	0	-	32.5	-100.0%	22	14.88	51.2%
SHORT TERM	U22	0	0	-	65.25	-100.0%	14	15.6	-12.0%
SHORT TERM	U23	27	0	-	0	-	8	8	-0.5%
SHORT TERM	U24	30	14.29	106.8%	0	-	15	9.9	54.8%
SHORT TERM	U25	9	0	-	17.5	-48.1%	4	2.4	86.1%
SHORT TERM	U26	0	0	-	0	-	1	7.52	-81.5%
SHORT TERM NATURAL GAS	U01	0	47.62	-100.0%	0	-	16	20.83	-24.2%
SHORT TERM NATURAL GAS	U02	0	0	-	27.9	-100.0%	17	16.67	-0.5%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	11	7.71	37.0%
SHORT TERM NATURAL GAS	U04	14	13.1	4.1%	0	-	6	20.83	-73.3%
SHORT TERM NATURAL GAS	U05	152	0	-	178.25	-14.6%	48	12.98	272.1%
SHORT TERM NATURAL GAS	U06	46	19.05	141.0%	70.5	-34.9%	38	13.83	176.9%
SHORT TERM NATURAL GAS	U07	0	14.29	-100.0%	10	-100.0%	16	18.1	-13.6%
SHORT TERM NATURAL GAS	U08	0	0	-	30	-100.0%	21	15.34	38.7%
SHORT TERM NATURAL GAS	U09	54	0	-	0	-	23	23.06	-1.3%
SHORT TERM NATURAL GAS	U10	5	4.76	-4.5%	0	-	27	19.5	38.0%
SHORT TERM NATURAL GAS	U16	126	0	-	0	-	31	17.19	78.5%
SHORT TERM NATURAL GAS	U17	40	0	-	0	-	20	4.55	338.6%
SHORT TERM NATURAL GAS	U18	23	2.38	873.6%	7.5	209.1%	8	13.6	-40.6%
SHORT TERM NATURAL GAS	U19	17	7.14	138.6%	25	-31.8%	22	7.29	198.0%
SHORT TERM NATURAL GAS	U20	14	2.38	468.9%	21.25	-36.3%	17	6.81	146.7%
SHORT TERM NATURAL GAS	U21	0	21.43	-100.0%	41.25	-100.0%	13	5.36	142.1%
SHORT TERM NATURAL GAS	U27	0	7.14	-100.0%	0	-	9	5	78.1%
SHORT TERM NATURAL GAS	U28	0	30.95	-100.0%	82.5	-100.0%	16	18.69	-17.1%
SHORT TERM NATURAL GAS	U29	0	0	-	1.25	-100.0%	2	12.98	-84.0%
SHORT TERM NATURAL GAS	U30	16	0	-	0	-	18	4.52	297.4%
SHORT TERM NATURAL GAS	U31	23	13.1	73.6%	0	-	30	5.36	455.6%

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<b>Energy Options</b>									
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	N2	0	22.86	-100.0%	0	-	0	2.29	-100.0%
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	53.33	-100.0%
WTI-BRENT BULLET SWAP	BV	4,597	619.05	642.6%	3,257.35	41.1%	2,074	824.76	151.4%
WTI CRUDE OIL 1 M CSO FI	7A	1,446	5,123.81	-71.8%	3,287.5	-56.0%	2,722	6,811.06	-60.0%

### Commodities and Alternative Investments Futures

COCOA TAS	CJ	0	1.43	-90.5%	0.1	36.4%	0	12.29	-96.7%
COFFEE	KT	0	0.14	-100.0%	0	-	0	0.8	-76.2%
COTTON	TT	0	0.43	-100.0%	0.05	-100.0%	0	2.74	-97.2%
SUGAR 11	YO	0	0.1	-100.0%	0.1	-100.0%	0	1.98	-89.9%

### TOTAL FUTURES GROUP

Commodities and Alternative Investments Futures		0	2.1	-93.5%	0.25	-45.4%	1	17.8	-95.1%
Energy Futures		2,112,696	2,116,763.29	-0.2%	2,376,631.05	-11.1%	2,264,371	2,067,285.47	9.5%
Metals Futures		521,488	340,632.38	53.1%	599,953.05	-13.1%	506,049	400,498.37	26.4%
<b>TOTAL FUTURES</b>		<b>2,634,183</b>	<b>2,457,397.76</b>	<b>7.2%</b>	<b>2,976,584.35</b>	<b>-11.5%</b>	<b>2,770,421.15</b>	<b>2,467,801.64</b>	<b>12.3%</b>

### TOTAL OPTIONS GROUP

Energy Options		281,458	291,055.24	-3.3%	286,831.5	-1.9%	319,640	315,150.22	1.4%
Metals Options		43,818	45,349.43	-3.4%	60,240.1	-27.3%	47,462	44,011.83	7.8%
<b>TOTAL OPTIONS</b>		<b>325,276</b>	<b>336,404.67</b>	<b>-3.3%</b>	<b>347,071.6</b>	<b>-6.3%</b>	<b>367,102.16</b>	<b>359,162.05</b>	<b>2.2%</b>

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<b>TOTAL COMBINED</b>								
Metals	565,305	385,981.81	46.5%	660,193.15	-14.4%	553,511	444,510.2	24.5%
Energy	2,394,154	2,407,818.53	-0.6%	2,663,462.55	-10.1%	2,584,011	2,382,435.69	8.5%
Commodities and Alternative Investments	0	2.1	-93.5%	0.25	-45.4%	1	17.8	-95.1%
<b>GRAND TOTAL</b>	<b>2,959,459</b>	<b>2,793,802.43</b>	<b>5.9%</b>	<b>3,323,655.95</b>	<b>-11.0%</b>	<b>3,137,523.31</b>	<b>2,826,963.69</b>	<b>11.0%</b>