

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV JUN 2017	ADV JUN 2016	% CHG	ADV MAY 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Metals Futures									
COMEX GOLD	GC	223,029	224,378.27	-0.6%	289,425.91	-22.9%	259,014	231,285.18	12.0%
NYMEX HOT ROLLED STEEL	HR	223	202.45	10.1%	326.73	-31.8%	196	238.25	-17.6%
NYMEX PLATINUM	PL	24,071	19,773.55	21.7%	16,102.86	49.5%	18,500	15,150.36	22.1%
PALLADIUM	PA	5,477	4,315.32	26.9%	8,709.23	-37.1%	6,095	5,356.91	13.8%
URANIUM	UX	24	18.18	32.5%	41.59	-42.1%	32	51.94	-39.3%
COMEX SILVER	SI	107,796	83,104.18	29.7%	86,569.32	24.5%	88,929	70,824.5	25.6%
COMEX E-Mini GOLD	QO	266	544.73	-51.1%	347.18	-23.3%	415	518.98	-20.0%
COMEX E-Mini SILVER	QI	45	71.5	-37.3%	49.64	-9.7%	44	51.05	-14.1%
COMEX COPPER	HG	104,437	97,670	6.9%	84,881.09	23.0%	98,402	83,046.09	18.5%
COMEX MINY COPPER	QC	45	25.45	77.9%	22.68	99.6%	41	30.26	35.1%
Aluminium MW Trans Prem Platts	AUP	269	345.45	-22.1%	285.41	-5.7%	376	297.66	26.2%
ALUMINUM	A38	0	0	-	0	-	0	0	-
ALUMINUM	AEP	63	37.27	68.3%	10.45	500.0%	137	49.43	176.2%
ALUMINUM	ALA	2	0	-	2.27	0.0%	2	0	-
ALUMINUM	ALI	17	38	-54.5%	11.82	46.2%	41	29.83	38.7%
ALUMINUM	EDP	57	52.09	9.3%	82.73	-31.2%	32	16.56	95.7%
ALUMINUM	MJP	43	52.27	-18.5%	4.09	941.1%	45	34.58	31.5%
COPPER	HGS	2	29.59	-93.9%	0	-	8	22.46	-65.7%
E-MICRO GOLD	MGC	3,965	5,269.05	-24.7%	4,189.32	-5.4%	4,197	4,560.9	-8.0%
FERROUS PRODUCTS	BUS	9	4.09	116.7%	4.09	116.7%	4	4.08	-2.0%
GOLD	GPS	0	0	-	0	-	0	0	-
Gold Kilo	GCK	16	190.59	-91.5%	13.18	22.8%	18	257.77	-92.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	29	0	-	10	186.4%	17	19.76	-13.3%
IRON ORE 62 CHINA TSI FUTURES	TIO	282	408.41	-30.9%	736.14	-61.7%	531	886.26	-40.0%
LNDN ZINC	ZNC	2	1.64	-2.8%	0.68	133.3%	1	1.21	-43.7%
METALS	LED	0	0.23	-100.0%	0	-	0	0.04	-100.0%
SILVER	SIL	269	435.09	-38.2%	262.73	2.4%	251	377.06	-33.4%
Metals Options									
COMEX COPPER	HX	106	111.05	-4.7%	197.27	-46.4%	181	108.18	67.1%
COMEX GOLD	OG	35,468	40,599.05	-12.6%	39,431.59	-10.1%	38,256	41,586.92	-8.0%
COMEX SILVER	SO	4,931	4,493.05	9.7%	6,953.64	-29.1%	5,441	5,327.74	2.1%
GOLD	OG1	112	75.27	49.2%	187.45	-40.1%	130	53.25	143.4%
GOLD	OG2	156	49.68	213.3%	173.09	-10.1%	137	51.08	167.3%

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Metals Options									
GOLD	OG3	183	25.27	624.8%	273.45	-33.0%	187	41.75	348.4%
GOLD	OG4	120	33.68	255.7%	57.59	108.1%	69	28.28	145.1%
GOLD	OG5	145	0	-	0	-	46	14.48	219.9%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	8	17.73	-53.8%	6.36	28.6%	65	255.77	-74.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	20	95.45	-79.5%	68.18	-71.3%	117	145.79	-19.8%
NYMEX PLATINUM	PO	60	47.82	26.0%	137.95	-56.3%	118	200.22	-41.2%
PALLADIUM	PAO	262	83.5	213.3%	265.45	-1.5%	202	128.77	56.5%
SILVER	SO1	2	0	-	10.95	-81.3%	4	0.1	4141.7%
SILVER	SO2	1	0	-	0	-	1	0.01	16300.0%
SILVER	SO3	0	0	-	17.36	-98.7%	5	0.04	11240.0%
SILVER	SO4	0	0	-	2.32	-94.1%	1	0.07	977.8%
SILVER	SO5	0	0	-	0	-	0	0.05	-50.0%

Energy Futures

CRUDE OIL PHY	CL	1,324,572	945,004.73	40.2%	1,251,215.68	5.9%	1,178,138	1,089,353.7	8.2%
CRUDE OIL	WS	0	170.45	-100.0%	243.45	-100.0%	266	607.78	-56.2%
MINY WTI CRUDE OIL	QM	13,999	11,718.82	19.5%	15,347.5	-8.8%	12,488	14,641.54	-14.7%
BRENT OIL LAST DAY	BZ	98,390	78,129.95	25.9%	108,427.05	-9.3%	98,756	100,682.4	-1.9%
HEATING OIL PHY	HO	165,559	155,957.14	6.2%	175,789.27	-5.8%	166,032	156,591.47	6.0%
HTG OIL	BH	2	3.82	-42.9%	1.64	33.3%	1	42.29	-97.5%
MINY HTG OIL	QH	0	0.5	-90.9%	0.09	-49.9%	0	0.41	-72.5%
RBOB PHY	RB	202,471	198,287.64	2.1%	197,431.77	2.6%	200,656	181,685.99	10.4%
MINY RBOB GAS	QU	0	0.18	0.0%	0.18	0.0%	0	0.19	16.7%
NATURAL GAS	HP	8,002	8,396.14	-4.7%	7,886.64	1.5%	7,603	5,766.8	31.8%
LTD NAT GAS	HH	16,332	10,737.82	52.1%	13,762.86	18.7%	14,552	11,456.26	27.0%
MINY NATURAL GAS	QG	944	1,158.45	-18.5%	1,001.05	-5.7%	1,344	1,194.79	12.5%
PJM MONTHLY	JM	0	8.18	-100.0%	0	-	1	22.86	-95.8%
NATURAL GAS PHY	NG	417,956	403,417.05	3.6%	426,810.32	-2.1%	425,024	363,532.97	16.9%
RBOB GAS	RT	114	44.73	155.1%	72.82	56.7%	86	59	46.0%
3.5% FUEL OIL CID MED SWA	7D	0	5.95	-100.0%	1.14	-100.0%	7	13.04	-46.5%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	1	1.32	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0	-

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Energy Futures									
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-	0	33.28	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	24.36	-100.0%	0	-	0	30.63	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	5.59	-100.0%	0	-	0	26.33	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-	0	1.04	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	139	639.95	-78.2%	186.14	-25.2%	293	667.08	-56.1%
ARGUS PROPAN FAR EST INDE	7E	125	77.86	60.9%	60.32	107.8%	76	74.58	2.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	37	58	-35.9%	32.82	13.3%	46	49.51	-7.0%
AUSTRIALIAN COKE COAL	ALW	0	9.14	-100.0%	3.5	-100.0%	8	21.94	-63.8%
BRENT BALMO SWAP	J9	7	0	-	0	-	2	6.16	-62.6%
BRENT CALENDAR SWAP	CY	29	94	-68.9%	34.09	-14.1%	104	111.98	-7.4%
BRENT FINANCIAL FUTURES	BB	733	3.27	22289.1%	577.27	26.9%	321	14.62	2099.0%
BRENT FINANCIAL FUTURES	MBC	0	1.36	-100.0%	0	-	0	11.39	-100.0%
BRENT FINANCIAL FUTURES	MDB	5	0	-	0	-	1	2.46	-61.0%
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	0	-	0	-	64	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	8	107.5	-93.0%	193.64	-96.1%	56	104.76	-46.7%
CENTERPOINT BASIS SWAP	PW	0	3.27	-100.0%	0	-	4	72.35	-94.1%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	CU	4,004	5,659.82	-29.3%	6,221.09	-35.6%	5,782	4,614.93	25.3%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	2	3.86	-41.2%	2.27	0.0%	7	11.02	-35.9%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	12.8	-100.0%
CIG BASIS	CI	0	271.82	-100.0%	0	-	1	387.5	-99.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	6	7.44	-22.6%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0.48	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	0	-	1,461	1,303.36	12.1%
CIN HUB 5MW D AH PK	H5	87	248.55	-65.0%	36.18	140.2%	103	134.78	-23.9%
CIN HUB 5MW REAL TIME O P	H4	169	5,170.91	-96.7%	2,129.09	-92.1%	2,214	6,385.79	-65.3%
CIN HUB 5MW REAL TIME PK	H3	77	258.64	-70.1%	48.64	58.9%	182	448.85	-59.4%
COAL SWAP	ACM	4	0	-	6.82	-36.7%	9	13.36	-30.8%
COAL SWAP	SSI	0	0	-	0	-	0	1.1	-100.0%

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Energy Futures									
COLUMB GULF MAINLINE NG B	5Z	0	30.45	-100.0%	0	-	0	113.42	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	0	17.66	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	0	24.86	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	21	7.05	196.8%	1.5	1293.9%	12	9.48	30.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	8	2.73	183.3%	67.5	-88.6%	39	3.31	1089.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	381	213.14	78.9%	424.68	-10.2%	403	275.74	46.3%
CRUDE OIL	CHB	0	2.73	-100.0%	0	-	0	0.48	-100.0%
CRUDE OIL	LPS	111	210.68	-47.5%	219.41	-49.6%	172	250.9	-31.3%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	5	0.55	816.6%	5.14	-2.7%	30	3.54	747.6%
CRUDE OIL OUTRIGHTS	CC5	12	0	-	8.18	50.0%	5	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	20	0	-	6.82	200.0%	12	0	-
CRUDE OIL OUTRIGHTS	DBL	7	18.18	-62.5%	9.09	-25.0%	8	3.6	111.1%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	HTT	598	36.36	1544.1%	347.09	72.2%	459	32.5	1314.0%
CRUDE OIL OUTRIGHTS	LSW	10	0	-	0	-	2	0	-
CRUDE OIL OUTRIGHTS	SSW	5	0	-	4.77	14.3%	3	0	-
CRUDE OIL OUTRIGHTS	WCC	19	78.41	-75.4%	6.82	183.3%	193	258.87	-25.5%
CRUDE OIL OUTRIGHTS	WCW	413	0	-	276.82	49.1%	152	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	2.6	-100.0%
CRUDE OIL SPRDS	WTT	267	194.09	37.5%	87.05	206.5%	263	73.66	256.7%
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	21.76	-100.0%
DAILY PJM	ZAO	0	0	-	0	-	0	0	-

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DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	64	0	-	0	-	11	0	-
DATED TO FRONTLINE BRENT	FY	72	72.73	-1.6%	59.09	21.2%	56	77.68	-27.7%
DEMARCO INDEX FUTURE	DI	0	28.18	-100.0%	0	-	0	6.4	-100.0%
DEMARCO SWING SWAP	DT	0	0	-	0	-	0	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.08	-100.0%
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	IH	0	142.82	-100.0%	0	-	0	136.86	-100.0%
DOMINION TRANSMISSION INC	PG	30	1,077.68	-97.2%	125.86	-75.8%	339	990.47	-65.7%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	430	70.68	507.7%	1,031.14	-58.3%	491	52.84	828.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	12	0	-
EASTERN RAIL DELIVERY CSX	QX	19	106.36	-82.4%	26.82	-30.3%	34	60.54	-44.3%
EAST/WEST FUEL OIL SPREAD	EW	3	2.5	9.1%	2.05	33.3%	10	0.89	1021.6%
EIA FLAT TAX ONHWAY DIESE	A5	39	21.77	78.3%	63.95	-39.3%	44	55.2	-21.1%
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	10.16	-100.0%
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	174	0	-	0	-	31	0	-
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	3,191	0	-	0	-	562	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	187.84	-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	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-	12	0	-
EL PASO PERMIAN INDEX SWA	IL	0	28.18	-100.0%	0	-	0	7.94	-100.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	57	0	-	19.09	200.0%	13	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	0	-	669.09	-100.0%	118	34.24	243.9%
ERCOT NORTH ZMCPE 5MW PEAK	I5	57	0	-	19.09	200.0%	20	1.88	968.1%

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ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	301	90.27	232.9%	121.91	146.5%	193	108.58	78.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0.36	-100.0%	0	1.68	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	15	11.91	28.2%	28.77	-46.9%	26	15.51	67.6%
EURO 3.5% FUEL OIL SPREAD	FK	46	28.55	60.3%	18.73	144.4%	26	29.09	-9.7%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-	11	0.56	1814.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.02	-100.0%
EURO GASOIL 10PPM VS ICE	ET	4	3.41	6.7%	0	-	2	3	-25.9%
EUROPE 1% FUEL OIL NWE CA	UF	0	0.91	-50.0%	4.91	-90.7%	5	6.22	-14.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0.45	-100.0%	0	0.91	-77.2%
EUROPE 3.5% FUEL OIL MED	UI	0	8.55	-100.0%	2.95	-100.0%	9	18.18	-49.0%
EUROPE 3.5% FUEL OIL RDAM	UV	322	353.73	-9.0%	376.27	-14.5%	433	321.91	34.5%
EUROPEAN GASOIL (ICE)	7F	224	6,996.32	-96.8%	190.68	17.4%	162	12,157.61	-98.7%
EUROPEAN NAPHTHA BALMO	KZ	29	7.68	281.1%	13.68	114.0%	20	7.18	176.1%
EUROPEAN NAPHTHA CRACK SPR	EN	254	316.77	-19.9%	421.86	-39.9%	351	217.58	61.1%
EUROPE DATED BRENT SWAP	UB	0	390.91	-100.0%	0	-	3	182.86	-98.2%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0.55	-100.0%	0	0.3	57.9%
EUROPE NAPHTHA CALSWAP	UN	132	75.23	74.9%	125.41	4.9%	133	58.91	125.1%
EURO PROPANE CIF ARA SWA	PS	58	78.45	-26.0%	47.32	22.7%	57	57.33	-0.2%
FL GAS ZONE 3 NAT GAS IND	Q9	0	377.73	-100.0%	0	-	0	66.48	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	21.91	-100.0%	0	-	0	10.46	-100.0%
FREIGHT MARKETS	FLP	14	13.05	9.8%	1.86	668.3%	6	11.55	-51.5%
FUEL OIL CRACK VS ICE	FO	411	147.32	178.9%	266.82	54.0%	240	188.36	27.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.26	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	1.29	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.43	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	28	0.86	3131.7%	15.55	79.5%	17	20.34	-17.7%
GAS EURO-BOB OXY NWE BARGES	7H	291	291.14	0.0%	313.86	-7.3%	358	363.93	-1.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	742	641.05	15.8%	879.95	-15.6%	946	704.9	34.2%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.05	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0.6	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.64	-37.5%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0.04	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.04	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	1	0	-	0	-	1	0.44	172.7%
GASOIL 0.1 ROTTERDAM BARG	VL	1	0	-	0.23	499.9%	1	0	-

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Energy Futures									
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.08	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.02	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	13.36	-100.0%	0	-	4	3.42	7.5%
GASOIL BULLET SWAP	BG	1	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	0	0.55	-100.0%	9.45	-100.0%	2	1.95	-1.2%
GASOIL CRACK SPREAD CALEN	GZ	569	375.91	51.3%	245.32	131.8%	405	229.29	76.5%
GASOIL MINI CALENDAR SWAP	QA	3	15.14	-78.1%	11.45	-71.0%	8	13.58	-42.3%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	0	6.48	-100.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	110	126.27	-12.6%	82.5	33.8%	126	108.5	16.1%
GRP THREE UNL GS (PLT) VS	A8	3	102.27	-96.7%	27.27	-87.5%	26	62.92	-58.9%
GULF COAST 3% FUEL OIL BA	VZ	102	8.73	1073.4%	54.91	86.5%	66	40.86	60.5%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	10.4	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	16	-100.0%	4.09	-100.0%	4	7.53	-42.0%
GULF COAST JET VS NYM 2 H	ME	1,892	1,691.82	11.8%	2,307.36	-18.0%	2,145	1,585.67	35.3%
GULF COAST NO.6 FUEL OIL	MF	1,887	1,950.77	-3.3%	2,093.95	-9.9%	2,678	2,754.06	-2.8%
GULF COAST NO.6 FUEL OIL	MG	89	31.64	181.8%	22.27	300.2%	75	41.07	83.5%
GULF COAST ULSD CALENDAR	LY	38	20.77	83.4%	48.05	-20.7%	28	39.76	-30.2%
GULF COAST ULSD CRACK SPR	GY	29	78.68	-63.6%	24.55	16.7%	17	47.45	-63.4%
HEATING OIL BALMO CLNDR S	1G	7	0	-	9.55	-28.6%	6	2.36	147.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.16	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	93	257.86	-63.9%	496.36	-81.3%	386	1,111.03	-65.2%
HENRY HUB INDEX SWAP FUTU	IN	93	242.36	-61.6%	496.36	-81.3%	374	1,050.89	-64.4%
HENRY HUB SWAP	NN	5,782	16,248.18	-64.4%	9,020.82	-35.9%	7,631	22,523.41	-66.1%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	2.32	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	123.23	-100.0%	49.77	-100.0%	17	182.46	-91.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	0	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	178	0	-	1,047.73	-83.0%	553	0.08	690530.0%
IN DELIVERY MONTH EUA	6T	0	140.91	-100.0%	0	-	23	206.81	-89.0%
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	0.9	-100.0%
INDIANA MISO	PDM	0	0	-	0	-	0	0	-

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Energy Futures									
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	3.86	-100.0%	0	-	0	1.24	-96.8%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.16	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	67	5.09	1215.2%	24.32	175.3%	31	18.02	69.2%
JAPAN C&F NAPHTHA SWAP	JA	87	59.5	45.6%	80.36	7.8%	85	57.37	48.0%
JAPAN NAPHTHA BALMO SWAP	E6	3	0	-	17.36	-83.5%	10	2.32	322.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	1	0	-	0	-	0	0.64	-85.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.18	-100.0%
JET CIF NWE VS ICE	JC	8	8.18	-3.9%	6.45	21.8%	6	4.93	12.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0.23	-100.0%	0	0.02	150.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0.45	-100.0%	0	0.24	-33.3%
JET FUEL UP-DOWN BALMO CL	1M	347	52.27	563.4%	382.73	-9.4%	369	161.78	128.0%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	KL	1	33.18	-96.6%	16.36	-93.1%	9	39.14	-78.1%
LA CARBOB GASOLINE(OPIS)S	JL	19	40.91	-52.8%	19.32	0.0%	12	42	-70.5%
LA JET FUEL VS NYM NO 2 H	MQ	0	0.45	-100.0%	0	-	0	6.08	-96.7%
LA JET (OPIS) SWAP	JS	108	118.18	-8.7%	79.55	35.7%	89	90.78	-2.3%
LLS (ARGUS) VS WTI SWAP	WJ	21	62.73	-66.3%	42.05	-49.7%	181	337.24	-46.5%
MARS (ARGUS) VS WTI SWAP	YX	14	86.82	-84.3%	70.91	-80.8%	128	258.58	-50.4%
MARS (ARGUS) VS WTI TRD M	YV	628	493.05	27.5%	534.41	17.6%	973	445.27	118.4%
MARS BLEND CRUDE OIL	MB	28	216.36	-87.1%	38.64	-27.9%	90	92.11	-2.5%
MCCLOSKEY ARA ARGS COAL	MTF	1,988	9,219.82	-78.4%	2,753.77	-27.8%	2,536	9,501.22	-73.3%
MCCLOSKEY RCH BAY COAL	MFF	226	827.73	-72.7%	273.5	-17.4%	293	1,038.04	-71.7%
MGF FUT	MGF	0	0	-	0	-	2	0.8	97.0%
MGN1 SWAP FUT	MGN	6	3.86	55.3%	3.64	65.0%	6	7.1	-15.1%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-	0	0	-
MICHIGAN BASIS	NF	0	40.23	-100.0%	0	-	21	107.71	-80.7%
MICHIGAN MISO	HMO	0	0	-	0	-	472	1,021.12	-53.7%
MICHIGAN MISO	HMW	0	0	-	0	-	26	57.92	-55.9%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	41	16.86	142.9%	28.45	43.9%	25	17.83	42.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	19	0	-	42.86	-55.5%	20	5.57	265.7%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	111	38.09	191.6%	115.32	-3.7%	118	53.87	119.5%
MJC FUT	MJC	18	0	-	0.45	3900.4%	5	3.59	49.2%
MNC FUT	MNC	216	152.23	41.8%	198.77	8.6%	218	178.63	22.1%

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Energy Futures									
MONT BELVIEU ETHANE 5 DECIMAL	C0	573	2,059.36	-72.2%	738.23	-22.4%	1,294	1,914.39	-32.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	5	2.73	66.7%	11.23	-59.5%	18	4.32	320.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	3,119	7,153.95	-56.4%	4,370	-28.6%	4,346	5,007.54	-13.2%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	50	102.5	-51.3%	51.59	-3.2%	90	40.33	124.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	171	331.68	-48.4%	180.05	-5.0%	212	426.82	-50.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	10	17.73	-44.4%	2.27	334.0%	13	10.62	23.3%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,101	897.55	22.7%	1,085.32	1.4%	1,377	1,092.38	26.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	18	60.55	-70.2%	17.64	2.3%	40	34.55	15.5%
NAT GAS BASIS SWAP	TZ6	0	400.95	-100.0%	0	-	14	177.62	-92.2%
NATURAL GAS	HBI	0	0	-	0	-	0	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	-	0	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	-	5	39.92	-86.9%
NATURAL GAS PEN SWP	NP	3,984	5,782.77	-31.1%	2,841.05	40.2%	4,560	5,287.74	-13.8%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	95.4	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	5.08	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	1,063.64	-100.0%	0	-	1,769	1,017.58	73.8%
NEPOOL INTR HUB 5MW D AH	U6	73	289	-74.8%	135.45	-46.3%	120	109.34	9.6%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	0	5.12	-100.0%
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	-
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	32	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	13.48	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	24	51.14	-53.3%	35.45	-32.7%	30	84.4	-64.8%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-

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Energy Futures									
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	0	53	-100.0%	18.18	-100.0%	9	175.81	-94.8%
NGPL MIDCONTINENT INDEX	IW	0	66.23	-100.0%	0	-	0	52.86	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	28.18	-100.0%	0	-	0	4.96	-100.0%
NGPL TEX/OK	PD	55	43.23	27.0%	34.55	58.9%	22	172.19	-87.1%
NGPL TEXOK INDEX	OI	0	0	-	0	-	0	0.48	-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	5	0	-	37.5	-87.9%	28	19	49.9%
NORTHERN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	12.76	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	25.64	-100.0%	3.82	-100.0%	1	46.34	-98.5%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	17	520.5	-96.8%	16.73	0.0%	11	967.96	-98.9%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	119	77.27	53.6%	38.41	209.1%	115	105.46	9.1%
NY 2.2% FUEL OIL (PLATTS	Y3	0	10	-100.0%	0	-	0	3.27	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	5	13.64	-66.7%	32.95	-86.2%	25	8.8	180.5%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0.24	-16.7%
NY HARBOR HEAT OIL SWP	MP	98	137.64	-28.8%	96.59	1.5%	115	132.02	-13.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	50	26.14	91.3%	35.23	41.9%	32	34.05	-4.9%
NY HARBOR RESIDUAL FUEL 1	MM	31	84	-63.0%	99.18	-68.7%	132	181.15	-26.9%
NYH NO 2 CRACK SPREAD CAL	HK	47	31.95	47.2%	46.36	1.5%	75	87.54	-14.0%
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	0	3.27	-100.0%	0	-	2	0.58	187.5%
NYISO CAPACITY	NNC	2	11.82	-84.6%	2.27	-20.0%	12	9.58	22.8%
NYISO CAPACITY	NRS	9	30.55	-69.6%	13.64	-32.0%	10	14.46	-30.1%
NYISO G	KG	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-
NYISO J	KJ	0	0	-	0	-	0	1.38	-100.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0.64	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	723.64	-100.0%	0	-	75	1,851.52	-96.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	5	-100.0%	55	5.12	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	2,467.73	-100.0%	0	-	0	434.32	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	68.73	-100.0%	5	-100.0%	1	12.1	-92.7%

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Energy Futures									
NYISO ZONE G 5MW D AH O P	D2	14,891	175	8409.1%	2,803.64	431.1%	5,188	2,276.8	127.9%
NYISO ZONE G 5MW D AH PK	T3	415	308.18	34.6%	501.82	-17.3%	358	176.23	103.0%
NYISO ZONE J 5MW D AH O P	D4	2,127	0	-	2,127.27	0.0%	1,813	823.62	120.1%
NYISO ZONE J 5MW D AH PK	D3	125	0	-	347.73	-64.1%	158	62.14	154.2%
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	15	1.36	990.0%	14.41	3.2%	62	21.66	184.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	7.56	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	1.28	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	30	-100.0%
ONTARIO POWER SWAPS	OPD	10	4.55	130.0%	2.5	318.2%	3	1.72	97.7%
ONTARIO POWER SWAPS	OPM	0	0	-	5	-100.0%	5	3.52	47.7%
PANHANDLE BASIS SWAP FUTU	PH	0	192.45	-100.0%	0	-	0	410.89	-99.9%
PANHANDLE INDEX SWAP FUTU	IV	0	87.36	-100.0%	0	-	0	19.84	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	7	0	-
PERMIAN BASIS SWAP	PM	0	182.64	-100.0%	0	-	2	180.02	-99.0%
PETROCHEMICALS	22	2	1.77	7.7%	4.64	-58.8%	4	2.83	27.1%
PETROCHEMICALS	32	5	2.45	113.0%	4.18	25.0%	6	2.69	111.6%
PETROCHEMICALS	8I	31	6.95	346.4%	16.5	88.2%	31	8.46	266.0%
PETROCHEMICALS	91	10	6.36	50.0%	5.77	65.4%	10	8.3	23.9%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.38	-100.0%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0.88	-54.5%
PETROCHEMICALS	MAE	0	2.05	-77.8%	0.45	0.0%	0	2.12	-88.7%
PETROCHEMICALS	MAS	0	1.59	-71.4%	1.36	-66.7%	1	6.76	-81.7%
PETROCHEMICALS	MBE	72	110.23	-34.8%	55	30.6%	55	122.56	-55.5%
PETROCHEMICALS	MNB	101	146.14	-30.9%	130.36	-22.6%	70	92.02	-24.4%
PETROCHEMICALS	MPS	0	0	-	0.45	-100.0%	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	2	0	-	0	-	1	8.4	-86.5%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	2	0.51	312.5%
PETRO CRCKS & SPRDS ASIA	STS	34	0	-	6.82	393.3%	7	0	-
PETRO CRCKS & SPRDS NA	CRB	1	5.23	-87.0%	7.73	-91.2%	6	3.94	61.3%
PETRO CRCKS & SPRDS NA	EXR	87	77.09	12.2%	117.36	-26.3%	130	69.98	85.7%
PETRO CRCKS & SPRDS NA	FOC	73	62.5	17.3%	27.27	168.8%	46	34.2	33.4%
PETRO CRCKS & SPRDS NA	GBB	58	33.18	75.3%	9.09	540.0%	37	9.04	314.6%

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Energy Futures									
PETRO CRCKS & SPRDS NA	GCC	0	4.55	-100.0%	5.68	-100.0%	6	10.6	-39.6%
PETRO CRCKS & SPRDS NA	GCI	35	32.91	6.9%	89.36	-60.6%	66	33.1	99.1%
PETRO CRCKS & SPRDS NA	GCM	2	0	-	0	-	0	0.28	20.0%
PETRO CRCKS & SPRDS NA	GCU	295	227.77	29.5%	264.05	11.7%	331	368.74	-10.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	2.27	-100.0%	4	0	-
PETRO CRCKS & SPRDS NA	HOB	213	106.36	99.9%	70	203.7%	136	203.58	-33.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	MFR	0	1.36	-100.0%	0	-	0	0.24	-100.0%
PETRO CRCKS & SPRDS NA	NFG	1	4.55	-77.0%	0	-	1	4.16	-79.0%
PETRO CRCKS & SPRDS NA	NYF	10	3.41	200.0%	0	-	7	1.4	371.4%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	2.4	-100.0%
PETRO CRCKS & SPRDS NA	RBB	318	383.77	-17.2%	503.14	-36.8%	434	454.27	-4.4%
PETRO CRCKS & SPRDS NA	RVG	688	382.55	79.7%	535.73	28.3%	748	338.48	120.9%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.27	-55.9%
PETRO CRK&SPRD EURO	1NB	64	49.23	30.4%	35.45	81.0%	64	85.17	-24.5%
PETRO CRK&SPRD EURO	43	12	3.14	273.9%	16.14	-27.3%	12	7.45	63.2%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	102	100.32	1.6%	98.77	3.2%	112	102.78	8.7%
PETRO CRK&SPRD EURO	EOB	1	0.73	-31.3%	0	-	1	0.73	-13.2%
PETRO CRK&SPRD EURO	EPN	18	18.95	-3.6%	21.5	-15.0%	19	11.5	67.2%
PETRO CRK&SPRD EURO	EVC	99	88.91	11.1%	106.82	-7.5%	139	71.59	94.5%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	2.88	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	3	0	-	12.5	-76.7%	6	6.08	-2.8%
PETRO CRK&SPRD EURO	GOC	1	0.68	100.0%	0	-	1	0.55	-5.8%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	1	0	-
PETRO CRK&SPRD EURO	MUD	2	4.77	-68.6%	1.82	-17.5%	6	5.02	14.5%
PETRO CRK&SPRD EURO	NBB	1	0	-	1.14	-20.0%	1	0.8	9.0%
PETRO CRK&SPRD EURO	NOB	39	25.59	51.3%	44.36	-12.7%	51	15.94	217.6%
PETRO CRK&SPRD EURO	SFB	0	1.82	-100.0%	0	-	1	0.84	47.6%
PETROLEUM PRODUCTS	D46	0	1.36	-100.0%	0	-	0	0.24	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	55	3.41	1516.0%	109.77	-49.8%	134	4.4	2940.7%
PETROLEUM PRODUCTS	MBS	0	0.45	-100.0%	0	-	1	4.25	-84.9%
PETROLEUM PRODUCTS	MGS	0	0	-	0.91	-100.0%	0	0	-
PETROLEUM PRODUCTS	MHE	0	1.36	-100.0%	0	-	0	0.24	-100.0%

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Energy Futures									
PETROLEUM PRODUCTS	MME	0	0	-	0.91	-100.0%	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	4.55	-100.0%	1	10.9	-92.7%
PETROLEUM PRODUCTS	VU	28	13.41	107.5%	4.32	544.2%	11	9.43	19.7%
PETROLEUM PRODUCTS ASIA	E6M	1	0	-	1.55	-23.5%	1	3.42	-71.4%
PETROLEUM PRODUCTS ASIA	MJN	117	64.09	82.7%	98.68	18.7%	97	58.68	66.1%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0B	1	1.91	-52.4%	0	-	1	6.64	-92.4%
PETRO OUTRIGHT EURO	0C	0	1.36	-100.0%	0	-	0	0.85	-100.0%
PETRO OUTRIGHT EURO	0D	106	208.14	-49.0%	105.14	1.0%	122	218.84	-44.1%
PETRO OUTRIGHT EURO	0E	20	30.82	-36.0%	17.18	14.8%	27	41.2	-33.4%
PETRO OUTRIGHT EURO	0F	35	105.14	-66.6%	59.82	-41.3%	63	54.01	17.2%
PETRO OUTRIGHT EURO	1T	0	0	-	0.55	-100.0%	0	0.16	200.0%
PETRO OUTRIGHT EURO	33	0	0.45	-100.0%	0	-	1	1.63	-60.8%
PETRO OUTRIGHT EURO	5L	4	9.09	-60.0%	3.5	3.9%	4	7.04	-44.2%
PETRO OUTRIGHT EURO	63	0	1.82	-100.0%	0	-	4	5.98	-38.2%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	5	1.91	138.1%	5.5	-17.4%	5	6.14	-17.9%
PETRO OUTRIGHT EURO	7R	22	11.18	95.1%	10.14	115.2%	12	12.07	2.1%
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	0.44	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTRIGHT EURO	CPB	9	4.18	108.7%	5	74.5%	16	2.31	590.3%
PETRO OUTRIGHT EURO	EFF	0	2.27	-80.0%	0	-	2	2.89	-22.4%
PETRO OUTRIGHT EURO	EFM	1	0	-	0	-	3	0.72	262.2%
PETRO OUTRIGHT EURO	ENS	1	0.45	200.0%	0	-	1	4.74	-84.8%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	39	13.77	184.2%	23.09	69.5%	36	7.52	377.4%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBB	10	2.27	360.0%	1.36	666.7%	3	0.67	352.4%
PETRO OUTRIGHT EURO	MBN	85	116.95	-27.2%	52.5	62.3%	44	64.5	-31.2%
PETRO OUTRIGHT EURO	SMU	0	0	-	1.82	-100.0%	0	0.32	0.0%
PETRO OUTRIGHT EURO	T0	0	8	-100.0%	0	-	1	2.94	-70.1%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	3	0.72	316.7%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0.4	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO OUTRIGHT NA	FCB	4	21.14	-79.4%	9.27	-52.9%	7	7.58	-9.8%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0.02	1566.7%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0.1	-100.0%
PETRO OUTRIGHT NA	JE	12	0	-	6	104.5%	3	3.51	-4.3%
PETRO OUTRIGHT NA	JET	139	82.05	69.1%	99.77	39.0%	189	87.12	116.7%
PETRO OUTRIGHT NA	JTB	0	0	-	13.64	-100.0%	2	0	-
PETRO OUTRIGHT NA	MBL	1	3.55	-66.7%	0	-	1	1.34	-4.2%
PETRO OUTRIGHT NA	MEN	17	11.14	51.4%	29.36	-42.6%	33	32.07	1.4%
PETRO OUTRIGHT NA	MEO	323	642.27	-49.8%	455.14	-29.1%	512	479.03	6.9%
PETRO OUTRIGHT NA	MFD	8	8.18	-8.3%	1.14	560.0%	2	3.84	-60.4%
PETRO OUTRIGHT NA	MMF	0	6.82	-93.3%	2.41	-81.1%	3	8.26	-58.8%
PETRO OUTRIGHT NA	NYT	0	4.55	-100.0%	0	-	5	0.8	525.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	3,344.73	-100.0%	0	-	2,113	7,592.32	-72.2%
PJM AD HUB 5MW REAL TIME	Z9	0	778.45	-100.0%	10	-100.0%	151	574.34	-73.6%
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	-	374	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	20	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	187.2	-100.0%
PJM BGE DA PEAK	E3	0	0	-	0	-	0	10.2	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	683	1,497.6	-54.4%
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	37	81.6	-54.2%
PJM DAILY	JD	0	0	-	0	-	0	10.4	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	1,696	170.44	895.0%
PJM DAYTON DA PEAK	D7	0	347.27	-100.0%	0	-	42	67.24	-37.5%
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	115	781.14	-85.3%	211.14	-45.6%	607	335.74	80.9%
PJM NI HUB 5MW REAL TIME	B6	1,786	10,881.82	-83.6%	873.64	104.4%	13,054	7,519.66	73.6%
PJM NILL DA OFF-PEAK	L3	0	8,737.09	-100.0%	167.27	-100.0%	5,296	3,987.5	32.8%
PJM NILL DA PEAK	N3	0	470.32	-100.0%	57.95	-100.0%	302	190.74	58.3%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	1.12	-100.0%

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Energy Futures									
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	1,310.4	-100.0%
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	40.8	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	1,447.27	-100.0%	0	-	60	3,594.64	-98.3%
PJM WESTHDA PEAK	J4	215	59.91	258.9%	0	-	49	178.22	-72.8%
PJM WESTH RT OFF-PEAK	N9	15,054	21,172.45	-28.9%	10,971.82	37.2%	14,315	35,730.28	-59.9%
PJM WESTH RT PEAK	L1	1,637	2,626.64	-37.7%	1,826.14	-10.4%	1,299	3,116.16	-58.3%
PLASTICS	PGP	36	14.09	153.2%	21.59	65.3%	27	16.89	60.0%
PREMIUM UNLD 10P FOB MED	3G	2	11.86	-80.8%	4.32	-47.4%	3	14.89	-79.8%
PREMIUM UNLEAD 10PPM FOB	8G	1	4.41	-79.4%	2.95	-69.2%	1	2.09	-54.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.02	250.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0.68	-100.0%	0.23	-100.0%	0	1.5	-80.3%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	14	36.27	-61.0%	2.05	591.1%	30	18.22	67.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	287	383.64	-25.3%	203.5	40.8%	380	473.76	-19.9%
RBOB CALENDAR SWAP	RL	284	327.59	-13.3%	261.05	8.8%	331	274	20.8%
RBOB CRACK SPREAD	RM	0	15.64	-100.0%	4.55	-100.0%	17	81.96	-79.7%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.2	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	28	13.36	110.5%	77.45	-63.7%	38	28.96	30.8%
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	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-	0	73.62	-100.0%
RBOB VS HEATING OIL SWAP	RH	76	101.64	-25.5%	55.45	36.5%	100	71.58	39.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	0	5.89	-100.0%
SAN JUAN BASIS SWAP	NJ	0	200.05	-100.0%	0	-	2	324.63	-99.5%
SINGAPORE 180CST BALMO	BS	3	1.73	57.9%	3.18	-14.3%	3	2.94	1.4%
SINGAPORE 380CST BALMO	BT	6	7.05	-12.3%	11.86	-47.9%	10	6.98	42.5%
SINGAPORE 380CST FUEL OIL	SE	448	363.23	23.4%	433.45	3.4%	557	289.56	92.4%
SINGAPORE FUEL 180CST CAL	UA	38	43.23	-12.2%	34.55	9.9%	56	60.45	-7.5%
SINGAPORE FUEL OIL SPREAD	SD	18	41.09	-56.4%	39.05	-54.1%	39	26.18	48.1%
SINGAPORE GASOIL	MTB	1	4.32	-68.4%	5.45	-75.0%	6	12.12	-47.0%
SINGAPORE GASOIL	MTS	162	179.32	-9.9%	205.91	-21.5%	230	165.87	38.6%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.8	-100.0%

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Energy Futures									
SINGAPORE GASOIL	STZ	5	8.18	-44.4%	13.64	-66.7%	6	1.44	344.4%
SINGAPORE GASOIL CALENDAR	MSG	10	7.27	43.1%	6.59	57.9%	16	2.78	461.4%
SINGAPORE GASOIL SWAP	SG	368	180.59	103.5%	404.45	-9.1%	495	182.32	171.8%
SINGAPORE GASOIL VS ICE	GA	486	59.09	721.9%	134.27	261.7%	463	84	451.6%
SINGAPORE JET KERO BALMO	BX	1	0	-	7.05	-84.5%	3	0.45	678.6%
SINGAPORE JET KERO GASOIL	RK	90	10.23	777.8%	89.77	0.0%	108	26.44	309.4%
SINGAPORE JET KEROSENE SW	KS	3	6.82	-56.7%	50.68	-94.2%	56	20.72	168.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0.68	-100.0%	34.59	-100.0%	9	22.54	-58.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	545	425.45	28.0%	131.64	313.7%	395	324.94	21.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.16	-100.0%
SING FUEL	MSD	0	0	-	0.23	-100.0%	0	0.04	700.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	44.8	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	2.94	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	4.18	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	2.11	-100.0%
Sumas Basis Swap	NK	46	37.59	21.3%	46.77	-2.5%	46	103.9	-56.2%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	0	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.12	-100.0%
TCO BASIS SWAP	TC	0	110.82	-100.0%	8.45	-100.0%	59	128.55	-53.9%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0	-
TENN 800 LEG NAT GAS INDE	L4	0	11.27	-100.0%	0	-	0	10.28	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	3	3.14	8.9%
TENNESSEE 800 LEG NG BASI	6Z	0	2.82	-100.0%	0	-	0	6.37	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	54.91	-100.0%	0	-	0	15.97	-100.0%
TETCO M-3 INDEX	IX	0	8.45	-100.0%	0	-	0	57.47	-100.0%
Tetco STX Basis	TX	0	0	-	0	-	0	7.05	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	253.86	-100.0%	0	-	60	377.96	-84.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-	2	4.88	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	50	0	-
TRANSCO ZONE4 BASIS SWAP	TR	55	97.64	-43.8%	0	-	57	117.14	-51.5%
TRANSCO ZONE 4 NAT GAS IN	B2	0	9.86	-100.0%	0	-	4	5.7	-34.8%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	30.41	-100.0%	0	-	23	41.36	-44.5%
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-	7	43.28	-84.2%
UCM FUT	UCM	1	2.55	-50.0%	4.05	-68.5%	2	1.77	-10.4%

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Energy Futures									
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-	0	0.3	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0.23	-100.0%	0	0.36	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	2	0	-	0	-	1	0.86	-38.9%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.28	-100.0%
ULSD UP-DOWN BALMO SWP	1L	86	242.05	-64.5%	153.64	-44.1%	179	180.38	-0.8%
UP DOWN GC ULSD VS NMX HO	LT	2,300	2,139.55	7.5%	1,819	26.5%	2,113	2,447.22	-13.7%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	1.4	-100.0%
WAHA BASIS	NW	43	366.36	-88.2%	0	-	15	230.23	-93.6%
WAHA INDEX SWAP FUTURE	IY	0	83.09	-100.0%	0	-	0	58.56	-100.0%
WESTERN RAIL DELIVERY PRB	QP	3	72.09	-96.2%	64.77	-95.8%	18	56.1	-68.3%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	3	0	-
WTI-BRENT CALENDAR SWAP	BK	464	598.41	-22.5%	145.27	219.1%	370	552.54	-33.1%
WTI CALENDAR	CS	1,059	1,283.18	-17.5%	1,474.86	-28.2%	1,641	1,530.51	7.2%
WTS (ARGUS) VS WTI SWAP	FF	216	16.91	1178.2%	21.82	890.6%	175	55.46	215.8%
WTS (ARGUS) VS WTI TRD MT	FH	23	22.32	3.9%	0	-	23	53.73	-56.5%

Energy Options

12 MO GASOIL CAL SWAP SPR	GXZ	10	0	-	0	-	2	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	48	34.64	37.8%	17.73	169.2%	27	85.02	-67.8%
BRENT OIL LAST DAY	BE	46	154.5	-70.0%	11.36	308.0%	128	200.52	-36.4%
BRENT OIL LAST DAY	BZO	1,159	1,565.55	-26.0%	1,937.32	-40.2%	1,136	556.23	104.2%
BRENT OIL LAST DAY	OS	50	163.82	-69.6%	45.45	9.6%	25	84.14	-70.1%
COAL API2 INDEX	CLA	54	343.5	-84.3%	25	115.5%	57	329.3	-82.8%
COAL API2 INDEX	CQA	0	125	-100.0%	1.36	-100.0%	5	801.47	-99.4%
COAL API2 INDEX	MTC	0	0	-	0	-	0	1.2	-66.7%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.4	-100.0%
COAL API4 INDEX	RQA	0	0	-	0	-	0	10.64	-100.0%
COAL SWAP	CPF	0	0	-	0	-	1	3.08	-63.6%
COAL SWAP	RPF	0	1.82	-100.0%	0	-	1	0.69	-1.2%
CRUDE OIL 1MO	WA	8,677	15,392.55	-43.6%	9,132.68	-5.0%	8,445	11,157.09	-24.3%
CRUDE OIL APO	AO	1,671	1,577.05	5.9%	1,197.73	39.5%	1,608	1,226.42	31.1%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	9.2	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-

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Energy Options									
CRUDE OIL PHY	CD	125	247.73	-49.5%	134.09	-6.8%	98	192.2	-49.0%
CRUDE OIL PHY	LC	789	1,430.95	-44.9%	1,984.55	-60.3%	1,560	1,973.44	-21.0%
CRUDE OIL PHY	LO	184,807	146,205.45	26.4%	241,396.09	-23.4%	193,800	179,649.66	7.9%
CRUDE OIL PHY	LO1	517	245.95	110.0%	1,074.05	-51.9%	574	248.98	130.7%
CRUDE OIL PHY	LO2	721	270.59	166.3%	821	-12.2%	530	210.98	151.0%
CRUDE OIL PHY	LO3	313	68.77	355.1%	554.23	-43.5%	389	114.01	241.1%
CRUDE OIL PHY	LO4	777	202.23	284.2%	1,302.09	-40.3%	737	210.62	250.0%
CRUDE OIL PHY	LO5	962	0.09	1057755.7%	0	-	278	87.02	219.8%
ELEC FINSETTLED	PML	0	0.82	-100.0%	0	-	0	1.3	-100.0%
ELEC MISO PEAK	9T	0	117.27	-100.0%	0	-	7	20.64	-68.2%
ETHANOL	CE1	0	0	-	0.45	-100.0%	1	0.2	200.0%
ETHANOL	CE3	0	0	-	0	-	2	0.2	1100.0%
ETHANOL SWAP	CVR	245	292.59	-16.2%	197	24.5%	251	274.42	-8.4%
ETHANOL SWAP	GVR	0	31.36	-100.0%	6.82	-100.0%	7	15.1	-51.3%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0.48	-100.0%
GASOLINE	GCE	0	0	-	0	-	0	6.98	-100.0%
HEATING OIL CRACK OPTIONS	CH	5	0	-	0	-	1	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	28	4.18	563.0%	0.27	10067.7%	12	10.57	14.8%
HEATING OIL PHY	OH	1,907	2,777.14	-31.3%	2,403.68	-20.7%	1,605	2,770.5	-42.1%
HENRY HUB FINANCIAL LAST	E7	125	308.86	-59.7%	151.91	-18.0%	178	106.74	66.6%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	10	45.6	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-	41	69.84	-41.6%
MCCLOSKEY ARA ARGS COAL	MTO	25	9.55	157.1%	9.55	157.1%	10	69.56	-85.2%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-	0	19.08	-100.0%
NATURAL GAS	G10	0	0	-	9.09	-100.0%	4	4	-10.0%
NATURAL GAS 1 M CSO FIN	G4	1,645	106.82	1440.4%	3,282.95	-49.9%	2,193	268.24	717.6%
NATURAL GAS 2 M CSO FIN	G2	11	0	-	25	-54.5%	28	8	255.0%
NATURAL GAS 3 M CSO FIN	G3	1,311	1,417.27	-7.5%	1,104.55	18.7%	582	1,117.5	-47.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	32	9.6	237.5%
NATURAL GAS 6 M CSO FIN	G6	32	0	-	0	-	277	32.8	743.2%
NATURAL GAS OPTION ON CALENDAR STR	6J	68	27.27	150.0%	9	657.6%	44	99.82	-55.9%
NATURAL GAS PHY	KD	2,023	2,090.77	-3.2%	1,710.23	18.3%	1,609	1,724.55	-6.7%
NATURAL GAS PHY	LN	115,848	110,702.45	4.6%	108,559.91	6.7%	112,573	91,428.77	23.1%

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Energy Options									
NATURAL GAS PHY	ON	9,698	14,337	-32.4%	8,851.18	9.6%	9,951	13,220.27	-24.7%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-	0	4	-100.0%
N ROCKIES PIPE SWAP	ZR	25	32.73	-25.0%	20.45	20.0%	20	22.32	-10.5%
NY HARBOR HEAT OIL SWP	AT	240	285	-15.8%	150.77	59.2%	167	283.16	-41.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	159	3.36	4621.4%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	23	0	-
PETROCHEMICALS	4H	16	51.14	-68.9%	7.82	103.5%	23	72.3	-68.8%
PETROCHEMICALS	4J	1	9.55	-85.7%	10.91	-87.5%	20	26.88	-27.1%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	3.96	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	2	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	18	0	-	3.64	400.0%	24	1.12	2057.1%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	82.4	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	17	5.73	201.6%	58.82	-70.6%	93	13.56	584.0%
RBOB 1MO CAL SPD OPTIONS	ZA	25	0	-	0	-	4	27.2	-83.8%
RBOB CALENDAR SWAP	RA	0	54.55	-100.0%	5	-100.0%	17	46.39	-63.2%
RBOB PHY	OB	1,098	1,846.82	-40.5%	1,667.86	-34.1%	1,236	2,123.91	-41.8%
RBOB PHY	RF	1	0	-	0	-	1	0.16	325.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	5.45	-100.0%	0	-	0	3.2	-100.0%
SAN JUAN PIPE SWAP	PJ	25	125.45	-80.4%	16.36	50.0%	14	44.74	-67.8%
SHORT TERM	U11	0	0	-	58.18	-100.0%	20	12	63.3%
SHORT TERM	U12	100	0	-	21.77	357.2%	29	17.44	64.6%
SHORT TERM	U13	31	32.95	-4.8%	0	-	13	26.49	-49.7%
SHORT TERM	U14	22	18.18	22.5%	0	-	10	29	-64.4%
SHORT TERM	U15	38	20.45	86.7%	51.36	-25.7%	29	14.8	93.8%
SHORT TERM	U22	35	10.23	245.3%	15.91	122.0%	13	15	-15.9%
SHORT TERM	U23	7	8.18	-10.0%	10.91	-32.5%	8	5.44	50.3%
SHORT TERM	U24	0	18.18	-100.0%	22.27	-100.0%	14	11.04	24.6%
SHORT TERM	U25	0	0	-	0	-	1	1.64	-51.2%
SHORT TERM	U26	11	0	-	1.82	480.0%	2	9.84	-76.3%
SHORT TERM NATURAL GAS	U01	0	18.18	-100.0%	40.45	-100.0%	16	23.8	-31.4%
SHORT TERM NATURAL GAS	U02	52	4.55	1040.0%	19.55	165.1%	19	24.6	-21.1%

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Energy Options									
SHORT TERM NATURAL GAS	U03	34	9.09	275.0%	21.82	56.3%	17	5.8	192.4%
SHORT TERM NATURAL GAS	U04	0	0	-	24.09	-100.0%	6	20	-70.8%
SHORT TERM NATURAL GAS	U05	86	0	-	5.91	1357.7%	21	16.2	29.6%
SHORT TERM NATURAL GAS	U06	30	0	-	0	-	41	14.64	182.2%
SHORT TERM NATURAL GAS	U07	27	9.09	195.0%	0	-	18	25.6	-29.2%
SHORT TERM NATURAL GAS	U08	58	31.82	80.7%	12.27	368.5%	27	16.38	65.4%
SHORT TERM NATURAL GAS	U09	43	64.77	-34.0%	17.27	147.4%	22	27.14	-20.4%
SHORT TERM NATURAL GAS	U10	0	30.68	-100.0%	2.59	-100.0%	30	28.52	5.4%
SHORT TERM NATURAL GAS	U16	56	80.68	-30.1%	21.82	158.3%	17	26.48	-36.0%
SHORT TERM NATURAL GAS	U17	0	4.55	-100.0%	34.27	-100.0%	15	6.24	144.7%
SHORT TERM NATURAL GAS	U18	0	0	-	18.95	-100.0%	3	12.44	-73.2%
SHORT TERM NATURAL GAS	U19	98	0	-	15.91	514.3%	26	8.64	206.0%
SHORT TERM NATURAL GAS	U20	45	13.64	230.0%	0	-	20	8.24	144.2%
SHORT TERM NATURAL GAS	U21	43	0	-	0	-	13	3.8	237.9%
SHORT TERM NATURAL GAS	U27	0	0	-	0	-	15	6.4	133.8%
SHORT TERM NATURAL GAS	U28	53	4.55	1060.0%	0	-	11	16.2	-30.6%
SHORT TERM NATURAL GAS	U29	12	6.82	73.3%	0	-	2	17.8	-88.3%
SHORT TERM NATURAL GAS	U30	57	4.55	1160.0%	51.59	11.0%	24	4.8	409.2%
SHORT TERM NATURAL GAS	U31	0	0	-	84.77	-100.0%	42	6	600.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	80	-100.0%
WTI-BRENT BULLET SWAP	BV	471	350	34.6%	1,301	-63.8%	1,841	979.92	87.9%
WTI CRUDE OIL 1 M CSO FI	7A	2,091	9,169.09	-77.2%	4,950	-57.8%	2,834	8,547.14	-66.8%

Commodities and Alternative Investments Futures

COCOA TAS	CJ	0	11.45	-97.2%	0.95	-66.7%	1	10.68	-93.9%
COFFEE	KT	0	2.36	-100.0%	0.91	-100.0%	0	1.05	-69.5%
COTTON	TT	0	1.73	-97.4%	0.45	-90.0%	0	2.77	-95.7%
SUGAR 11	YO	0	1.91	-83.3%	0.32	0.0%	0	2.59	-90.1%

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TOTAL FUTURES GROUP								
Commodities and Alternative Investments Futures	1	17.45	-96.1%	2.64	-74.1%	1	17.09	-92.1%
Energy Futures	2,334,069	1,956,211.68	19.3%	2,273,789.27	2.7%	2,216,947	2,103,030.89	5.4%
Metals Futures	470,436	436,967.41	7.7%	492,089.14	-4.4%	477,328	413,111.1	15.5%
TOTAL FUTURES	2,804,505	2,393,196.55	17.2%	2,765,881.04	1.4%	2,694,276.82	2,516,159.08	7.1%
TOTAL OPTIONS GROUP								
Energy Options	338,662	312,580.18	8.3%	394,702.45	-14.2%	345,841	321,305.21	7.6%
Metals Options	41,574	45,631.55	-8.9%	47,782.68	-13.0%	44,959	47,942.5	-6.2%
TOTAL OPTIONS	380,235	358,211.73	6.1%	442,485.14	-14.1%	390,799.92	369,247.7	5.8%
TOTAL COMBINED								
Metals	512,010	482,598.96	6.1%	539,871.82	-5.2%	522,287	461,053.6	13.3%
Energy	2,672,730	2,268,791.86	17.8%	2,668,491.73	0.2%	2,562,788	2,424,336.1	5.7%
Commodities and Alternative Investments	1	17.45	-96.1%	2.64	-74.1%	1	17.09	-92.1%
GRAND TOTAL	3,184,741	2,751,408.27	15.7%	3,208,366.18	-0.7%	3,085,076.74	2,885,406.78	6.9%