

NYMEX/COMEX Exchange ADV Report - Monthly

July 2016

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Commodity		ADV JUL 2016	ADV JUL 2015	% CHG	ADV JUN 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Metals Futures									
COMEX GOLD	GC	289,924	207,035.68	40.0%	224,378.27	29.2%	239,373	165,404.5	44.7%
NYMEX HOT ROLLED STEEL	HR	171	294.45	-42.0%	202.45	-15.7%	229	232.48	-1.5%
NYMEX PLATINUM	PL	13,984	11,909.41	17.4%	19,773.55	-29.3%	14,990	14,391.87	4.2%
PALLADIUM	PA	5,211	4,666.59	11.7%	4,315.32	20.8%	5,337	5,313.94	0.4%
URANIUM	UX	0	0	-	18.18	-100.0%	45	17.98	149.1%
COMEX SILVER	SI	72,937	44,927.23	62.3%	83,104.18	-12.2%	71,116	53,179.47	33.7%
COMEX E-Mini GOLD	QO	790	337.82	133.9%	544.73	45.1%	556	263.87	110.9%
COMEX E-Mini SILVER	QI	109	41.68	161.4%	71.5	52.4%	59	38.83	52.0%
COMEX COPPER	HG	75,508	64,103.45	17.8%	97,670	-22.7%	82,006	67,138.56	22.1%
COMEX MINY COPPER	QC	17	22.77	-26.7%	25.45	-34.4%	28	36.25	-21.7%
Aluminium MW Trans Prem Platts	AUP	310	173.14	78.8%	345.45	-10.4%	299	148.01	102.2%
ALUMINUM	A38	3	0	-	0	-	0	0	-
ALUMINUM	AEP	68	0	-	37.27	81.1%	52	18.38	182.5%
ALUMINUM	ALI	33	7.91	320.4%	38	-12.5%	30	15.98	89.6%
ALUMINUM	EDP	21	0	-	52.09	-59.7%	17	0	-
ALUMINUM	MJP	17	0	-	52.27	-67.4%	32	0	-
COPPER	HGS	2	19.86	-92.4%	29.59	-94.9%	20	25.84	-24.3%
E-MICRO GOLD	MGC	4,870	1,696.59	187.0%	5,269.05	-7.6%	4,604	1,611.24	185.7%
FERROUS PRODUCTS	BUS	0	0	-	4.09	-100.0%	4	2.21	59.5%
FERROUS PRODUCTS	SSF	0	0	-	0	-	0	0	-
Gold Kilo	GCK	186	140.64	32.1%	190.59	-2.5%	248	202.91	22.1%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	6.82	-100.0%	0	-	17	10.33	64.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	628	522.5	20.1%	408.41	53.7%	851	538.17	58.0%
LNDN ZINC	ZNC	2	3.05	-42.5%	1.64	6.9%	1	1.53	-15.9%
METALS	LED	0	0	-	0.23	-100.0%	0	0	-
SILVER	SIL	604	401.73	50.3%	435.09	38.8%	408	355.47	14.9%
Metals Options									
COMEX COPPER	HX	290	94.82	205.4%	111.05	160.7%	133	107.16	24.3%
COMEX GOLD	OG	29,277	38,451.05	-23.9%	40,599.05	-27.9%	39,889	29,780.74	33.9%
COMEX SILVER	SO	6,731	5,515.95	22.0%	4,493.05	49.8%	5,521	4,840.57	14.1%
COPPER	H4E	0	0	-	0	-	0	0.04	-100.0%
GOLD	OG1	23	11.77	96.6%	75.27	-69.2%	49	24.18	103.1%



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Metals Options

GOLD	OG2	95	18.45	416.1%	49.68	91.7%	57	29.7	92.5%
GOLD	OG3	69	19.55	253.8%	25.27	173.6%	46	22.26	104.5%
GOLD	OG4	47	9.09	413.7%	33.68	38.7%	31	12.79	141.0%
GOLD	OG5	31	15.45	102.5%	0	-	17	5.16	225.7%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	62	298.64	-79.4%	17.73	246.9%	229	96.28	137.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	258	361.36	-28.6%	95.45	170.4%	161	194.45	-17.1%
NYMEX PLATINUM	PO	133	177.14	-25.0%	47.82	177.8%	191	230.34	-17.1%
PALLADIUM	PAO	270	123.95	117.5%	83.5	222.9%	148	169.89	-12.8%
SILVER	SO1	0	0	-	0	-	0	1.69	-95.1%
SILVER	SO2	0	3.55	-100.0%	0	-	0	0.75	-99.1%
SILVER	SO3	10	0.14	7048.1%	0	-	1	0.77	79.9%
SILVER	SO4	0	0.45	-89.0%	0	-	0	0.56	-87.6%
SILVER	SO5	0	0.27	-100.0%	0	-	0	0.8	-94.8%

Energy Futures

CRUDE OIL PHY	CL	942,073	675,574.55	39.4%	945,004.73	-0.3%	1,069,039	799,218.94	33.8%
CRUDE OIL	WS	14	209.64	-93.3%	170.45	-91.8%	526	794.74	-33.8%
MINY WTI CRUDE OIL	QM	10,781	9,271.45	16.3%	11,718.82	-8.0%	14,109	12,448.6	13.3%
BRENT OIL LAST DAY	BZ	81,706	119,052.64	-31.4%	78,129.95	4.6%	98,065	103,759.2	-5.5%
HEATING OIL PHY	HO	152,626	137,481.14	11.0%	155,957.14	-2.1%	156,044	146,035.65	6.9%
HTG OIL	BH	6	1.09	431.7%	3.82	51.9%	37	8.48	339.2%
MINY HTG OIL	QH	1	0.5	110.0%	0.5	110.0%	0	0.39	28.2%
RBOB PHY	RB	171,350	164,609.59	4.1%	198,287.64	-13.6%	180,260	159,296.83	13.2%
MINY RBOB GAS	QU	0	0.18	-17.5%	0.18	-17.5%	0	0.23	-17.4%
NATURAL GAS	HP	7,402	3,901.45	89.7%	8,396.14	-11.8%	5,992	4,221.02	42.0%
LTD NAT GAS	HH	8,826	9,729.95	-9.3%	10,737.82	-17.8%	11,093	11,452.83	-3.1%
MINY NATURAL GAS	QG	1,238	1,020.18	21.4%	1,158.45	6.9%	1,201	1,305.13	-8.0%
PJM MONTHLY	JM	2	83	-97.6%	8.18	-75.6%	20	29.11	-31.4%
NATURAL GAS PHY	NG	338,455	291,084.95	16.3%	403,417.05	-16.1%	360,074	323,211.43	11.4%
RBOB GAS	RT	76	41	86.1%	44.73	70.6%	61	71.39	-14.0%
3.5% FUEL OIL CID MED SWA	7D	6	0.45	1231.1%	5.95	1.6%	12	3.54	241.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	1	0.6	88.2%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-

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Energy Futures									
AEP-DAYTON HUB MTHLY	VM	12	22.73	-47.2%	0	-	2	2.62	-36.7%
AEP-DAYTON HUB OFF-PEAK M	VP	0	28.18	-100.0%	0	-	0	3.72	-100.0%
ALGON CITY GATES NAT GAS	N7	79	0	-	0	-	40	0	-
ALGONQUIN CITYGATES BASIS	B4	79	24.59	222.9%	24.36	225.9%	37	5.61	566.1%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	11.84	-100.0%
ANR OKLAHOMA	NE	12	119.55	-89.6%	5.59	121.8%	24	45.51	-46.4%
APPALACHIAN COAL (PHY)	QL	0	1.5	-100.0%	0	-	1	10.48	-91.4%
ARGUS LLS VS. WTI (ARG) T	E5	714	341.23	109.1%	639.95	11.5%	673	387.82	73.7%
ARGUS PROPAN FAR EST INDE	7E	84	18	364.2%	77.86	7.3%	76	22.89	231.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	36	14.05	156.0%	58	-38.0%	48	28.17	69.1%
AUSTRIALIAN COKE COAL	ALW	7	10.41	-37.1%	9.14	-28.3%	20	7.47	165.2%
BRENT BALMO SWAP	J9	2	19.09	-89.5%	0	-	6	19.19	-70.9%
BRENT CALENDAR SWAP	CY	146	117.73	24.0%	94	55.3%	117	234.16	-50.2%
BRENT CFD SWAP	6W	0	0	-	0	-	0	3.75	-100.0%
BRENT FINANCIAL FUTURES	BB	13	72.55	-82.1%	3.27	297.2%	14	291.68	-95.1%
BRENT FINANCIAL FUTURES	MBC	0	0	-	1.36	-100.0%	10	4.4	123.0%
BRENT FINANCIAL FUTURES	MDB	5	13.64	-61.5%	0	-	3	1.54	84.8%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	5	17.05	-73.6%	107.5	-95.8%	91	57.85	57.2%
CENTERPOINT BASIS SWAP	PW	45	132.73	-65.9%	3.27	1284.2%	69	89.91	-23.7%
CENTERPOINT EAST INDEX	II	37	15.5	138.7%	0	-	5	2.68	90.7%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	1.45	-100.0%	0	-	0	0.13	-100.0%
CHICAGO ETHANOL SWAP	CU	4,888	4,004.23	22.1%	5,659.82	-13.6%	4,653	3,956.88	17.6%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	23	26.73	-13.9%	3.86	495.3%	13	17.4	-27.2%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	11	1.36	709.2%
CIG BASIS	CI	269	0	-	271.82	-0.9%	371	189.41	96.0%
CIG ROCKIES NG INDEX SWA	Z8	6	0	-	0	-	7	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	5.45	-100.0%	0	-	0	2.49	-83.4%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0.16	-100.0%
CIN HUB 5MW D AH O PK	K2	5,632	0	-	0	-	1,900	705.77	169.3%
CIN HUB 5MW D AH PK	H5	78	12.09	547.6%	248.55	-68.5%	127	41.81	203.7%
CIN HUB 5MW REAL TIME O P	H4	8,418	0	-	5,170.91	62.8%	6,666	3,113.64	114.1%
CIN HUB 5MW REAL TIME PK	H3	218	97.5	123.1%	258.64	-15.9%	417	81.89	409.1%
COAL SWAP	ACM	3	1.82	65.0%	0	-	12	16.28	-26.7%

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Energy Futures									
COAL SWAP	SSI	1	22.55	-95.6%	0	-	1	12.5	-91.3%
COLUMB GULF MAINLINE NG B	5Z	40	120.41	-67.2%	30.45	29.7%	103	101.64	1.6%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	15	13.36	14.0%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	22.18	-100.0%	0	-	0	1.93	-100.0%
COLUMBIA GULF ONSHORE	GL	0	104	-100.0%	0	-	21	18.27	17.3%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	5	0	-	7.05	-34.0%	9	4.08	116.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	2	13.64	-89.0%	2.73	-45.0%	3	7.76	-60.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	302	105.18	187.5%	213.14	41.9%	279	220.14	26.9%
CRUDE OIL	CHB	0	0	-	2.73	-100.0%	0	0	-
CRUDE OIL	LPS	235	97.95	139.9%	210.68	11.5%	249	120.74	106.0%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	9	81.5	-89.0%	0.55	1549.9%	4	47.56	-91.0%
CRUDE OIL OUTRIGHTS	DBL	0	138.41	-100.0%	18.18	-100.0%	3	128.9	-97.6%
CRUDE OIL OUTRIGHTS	FE	0	1.36	-100.0%	0	-	0	0.93	-100.0%
CRUDE OIL OUTRIGHTS	GSW	2	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	HTT	263	0	-	36.36	621.9%	64	0	-
CRUDE OIL OUTRIGHTS	WCC	59	261.55	-77.4%	78.41	-24.8%	231	251.08	-7.9%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	2	1.19	89.0%
CRUDE OIL SPRDS	WTT	322	0	-	194.09	65.8%	108	29.81	261.8%
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	-	19	0	-
DAILY PJM	ZAO	0	0	-	0	-	0	0	-
DAILY PJM	ZGO	0	0	-	0	-	0	31.7	-100.0%
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	0	93.51	-100.0%
DATED TO FRONTLINE BRENT	FY	78	143.41	-46.0%	72.73	6.6%	78	136.86	-43.3%

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DEMARCO INDEX FUTURE	DI	0	0	-	28.18	-100.0%	6	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.04	74.7%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-	0	0	-
DLY GAS EURO-BOB OXY	GBR	3	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	142.82	-100.0%	118	10.12	1065.5%
DOMINION TRANSMISSION INC	PG	441	327.5	34.7%	1,077.68	-59.1%	915	348.13	162.8%
DUBAI CRUDE OIL BALMO	BI	14	0	-	0	-	2	0.4	379.8%
DUBAI CRUDE OIL CALENDAR	DC	144	134.36	7.0%	70.68	103.4%	65	186.66	-65.0%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	0	3.32	-100.0%
EASTERN RAIL DELIVERY CSX	QX	66	108.64	-39.7%	106.36	-38.4%	61	159.71	-61.7%
EAST/WEST FUEL OIL SPREAD	EW	4	2.05	83.3%	2.5	50.0%	1	9.28	-86.2%
EIA FLAT TAX ONHWAY DIESE	A5	60	28.86	106.5%	21.77	173.7%	56	37.31	49.6%
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	4.62	-100.0%
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	O1	0	0	-	0	-	0	69.43	-100.0%
ELEC FINSETTLED	47	0	0	-	0	-	9	6.06	44.5%
ELEC FINSETTLED	49	0	0	-	0	-	0	5.04	-100.0%
ELEC MISO PEAK	4L	0	0	-	0	-	0	6.05	-100.0%
ELEC MISO PEAK	55	0	0	-	0	-	0	8.05	-100.0%
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	22.91	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	148.62	-100.0%
ELECTRICITY OFF PEAK	46	0	0	-	0	-	162	110.92	46.0%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	46.17	-100.0%
ELECTRICITY OFF PEAK	50	0	0	-	0	-	0	92.96	-100.0%
EL PASO PERMIAN INDEX SWA	IL	31	0	-	28.18	10.0%	11	0	-
EMMISSIONS	CPL	0	11.36	-100.0%	0	-	0	1.98	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	0	-	0	-	30	113.82	-74.1%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-	2	12.06	-86.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	70	120.82	-42.0%	90.27	-22.4%	103	116.11	-11.1%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-	0	0	-
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	1	0.52	179.7%
EURO 3.5% FUEL OIL RDAM B	KR	9	17.5	-48.0%	11.91	-23.6%	15	25.16	-41.9%
EURO 3.5% FUEL OIL SPREAD	FK	17	33.05	-50.1%	28.55	-42.2%	27	42.71	-36.0%

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EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	NCP	4	2	120.0%	0	-	1	10.62	-89.7%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.06	-62.6%
EURO GASOIL 10PPM VS ICE	ET	4	2.73	37.5%	3.41	10.0%	3	4.21	-26.2%
EUROPE 1% FUEL OIL NWE CA	UF	28	7.09	298.4%	0.91	3007.5%	9	7.59	22.0%
EUROPE 1% FUEL OIL RDAM C	UH	1	0	-	0	-	1	0.66	30.3%
EUROPE 3.5% FUEL OIL MED	UI	12	0.59	1990.0%	8.55	44.5%	17	5.57	211.7%
EUROPE 3.5% FUEL OIL RDAM	UV	288	219.55	31.2%	353.73	-18.6%	317	389.23	-18.5%
EUROPEAN GASOIL (ICE)	7F	575	407.36	41.3%	6,996.32	-91.8%	10,560	3,046.56	246.6%
EUROPEAN NAPHTHA BALMO	KZ	7	2.95	125.1%	7.68	-13.4%	7	3.9	82.4%
EUROPEAN NAPHTHA CRACK SPR	EN	231	188.91	22.5%	316.77	-27.0%	219	308.02	-28.7%
EUROPE DATED BRENT SWAP	UB	155	97.95	58.2%	390.91	-60.3%	179	154.27	16.0%
EUROPE JET KERO NWE CALSW	UJ	0	3	-100.0%	0	-	0	1.97	-86.7%
EUROPE NAPHTHA CALSWAP	UN	100	32.73	206.2%	75.23	33.2%	65	59.16	9.2%
EURO PROPANE CIF ARA SWA	PS	62	16.05	286.1%	78.45	-21.0%	58	19.52	197.0%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	377.73	-100.0%	57	0	-
FLORIDA GAS ZONE3 BASIS S	FP	39	0	-	21.91	80.1%	14	57.35	-74.8%
FREIGHT MARKETS	FLP	1	2.86	-58.1%	13.05	-90.8%	10	3.02	235.3%
FUEL OIL CRACK VS ICE	FO	261	105.86	146.4%	147.32	77.1%	198	175.82	12.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	1.21	-81.8%
FUEL OIL (PLATS) CAR CM	1W	47	1.64	2741.6%	0	-	8	1.04	621.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.81	-54.3%
FUELOIL SWAP:CARGOES VS.B	FS	9	12.5	-25.2%	0.86	982.7%	19	18.4	2.3%
GAS EURO-BOB OXY NWE BARGES	7H	239	334.18	-28.4%	291.14	-17.8%	347	318.24	9.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	590	703.91	-16.2%	641.05	-7.9%	689	813.04	-15.2%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.04	4.8%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	-	0	-	0	0.04	-100.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	-	0	-	0	0.02	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	1	0.2	161.7%
GASOIL 0.1CIF MED VS ICE	Z5	2	0	-	0	-	1	0.97	-14.9%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	1.05	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.04	-12.7%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-	0	0.71	-41.8%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-	0	0.04	-100.0%
GASOIL 10P CRG CIF NW VS	3V	0	0.45	-100.0%	0	-	0	0.2	-65.1%

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Energy Futures									
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.13	-84.1%
GASOIL 10PPM VS ICE SWAP	TP	3	2.95	1.5%	13.36	-77.6%	3	5.77	-41.7%
GASOIL CALENDAR SWAP	GX	2	0	-	0.55	321.6%	2	1.04	92.4%
GASOIL CRACK SPREAD CALEN	GZ	399	109.09	265.3%	375.91	6.0%	253	153.56	64.5%
GASOIL MINI CALENDAR SWAP	QA	7	13.82	-49.0%	15.14	-53.4%	13	13.13	-3.4%
GASOLINE UP-DOWN BALMO SW	1K	0	15.91	-100.0%	0	-	6	24.29	-77.0%
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-	0	0	-
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0.79	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	189	237.41	-20.4%	126.27	49.7%	120	181.85	-34.2%
GRP THREE UNL GS (PLT) VS	A8	83	96.59	-14.6%	102.27	-19.3%	66	74.26	-11.6%
GULF COAST 3% FUEL OIL BA	VZ	13	43.82	-70.1%	8.73	50.1%	37	49.13	-24.6%
GULF COAST GASOLINE CLNDR	GS	0	36.36	-100.0%	0	-	9	28.72	-68.8%
GULF COAST JET FUEL CLNDR	GE	10	5.86	63.7%	16	-40.0%	8	14.5	-46.1%
GULF COAST JET VS NYM 2 H	ME	1,463	1,130.05	29.5%	1,691.82	-13.5%	1,569	1,065.74	47.2%
GULF COAST NO.6 FUEL OIL	MF	2,974	3,088.82	-3.7%	1,950.77	52.4%	2,784	3,207.63	-13.2%
GULF COAST NO.6 FUEL OIL	MG	15	122.73	-87.8%	31.64	-52.6%	37	69.29	-45.9%
GULF COAST ULSD CALENDAR	LY	62	26.14	135.7%	20.77	196.5%	43	34.44	24.2%
GULF COAST ULSD CRACK SPR	GY	4	0	-	78.68	-95.2%	41	15.65	164.6%
HEATING OIL BALMO CLNDR S	1G	1	8.41	-85.1%	0	-	2	7.17	-69.2%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL VS ICE GASOIL	HA	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	827	1,187.64	-30.4%	257.86	220.7%	1,072	584.46	83.4%
HENRY HUB INDEX SWAP FUTU	IN	780	523.09	49.1%	242.36	221.7%	1,013	439.06	130.8%
HENRY HUB SWAP	NN	12,871	20,526.59	-37.3%	16,248.18	-20.8%	21,192	21,070.38	0.6%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	2	4.74	-57.8%
HOUSTON SHIP CHANNEL BASI	NH	93	146.68	-36.6%	123.23	-24.5%	170	191.68	-11.2%
HOUSTON SHIP CHANNEL INDE	IP	9	0	-	0	-	1	0.71	80.3%
HUSTN SHIP CHNL PIPE SWP	XJ	0	185.14	-100.0%	0	-	0	16.1	-100.0%
ICE BRENT DUBAI SWAP	DB	0	0	-	0	-	0	49.57	-99.9%
IN DELIVERY MONTH EUA	6T	18	719.55	-97.6%	140.91	-87.6%	181	413.45	-56.3%
INDIANA MISO	FAD	0	0	-	0	-	0	0	-
INDIANA MISO	FDM	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	-	1	0	-

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Energy Futures									
INDIANA MISO	PDM	0	0	-	0	-	0	8.85	-100.0%
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	1	4.09	-81.7%	3.86	-80.6%	1	7.13	-83.6%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.08	74.3%
JAPAN C&F NAPHTHA CRACK S	JB	26	5.77	344.3%	5.09	403.8%	19	12.79	49.1%
JAPAN C&F NAPHTHA SWAP	JA	53	38.91	35.6%	59.5	-11.3%	57	46.55	21.9%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-	2	2	1.9%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	2	1.14	40.8%	0	-	1	1.1	-30.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.06	155.8%
JET CIF NWE VS ICE	JC	4	7.05	-41.8%	8.18	-49.9%	5	5.04	-4.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.16	-91.3%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.19	11.4%
JET FUEL UP-DOWN BALMO CL	1M	68	147.27	-53.7%	52.27	30.6%	149	152.02	-2.1%
LA CARB DIESEL (OPIS)	LX	0	3.55	-100.0%	0	-	0	0.92	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	10	41.45	-77.1%	33.18	-71.4%	35	30.3	15.7%
LA CARBOB GASOLINE(OPIS)S	JL	16	13.64	19.2%	40.91	-60.3%	38	23.52	63.5%
LA JET FUEL VS NYM NO 2 H	MQ	1	2.5	-70.0%	0.45	65.0%	5	2.13	150.4%
LA JET (OPIS) SWAP	JS	81	32.95	146.6%	118.18	-31.2%	89	42.77	109.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	290	243.5	19.3%	62.73	363.0%	331	435.4	-24.0%
MARS (ARGUS) VS WTI SWAP	YX	40	315.59	-87.2%	86.82	-53.6%	228	292.73	-22.0%
MARS (ARGUS) VS WTI TRD M	YV	552	2.73	20149.0%	493.05	12.0%	460	67.23	584.3%
MARS BLEND CRUDE OIL	MB	173	0	-	216.36	-20.3%	103	0	-
MCCLOSKEY ARA ARGS COAL	MTF	5,932	7,638.41	-22.3%	9,219.82	-35.7%	9,009	8,425.86	6.9%
MCCLOSKEY RCH BAY COAL	MFF	309	1,044.95	-70.4%	827.73	-62.6%	938	1,122.24	-16.5%
MGF FUT	MGF	0	0.73	-100.0%	0	-	1	0.34	102.9%
MGN1 SWAP FUT	MGN	4	10.27	-63.5%	3.86	-2.9%	7	7.52	-11.7%
MICHCON NG INDEX SWAP	Y8	92	0	-	0	-	13	0	-
MICHIGAN BASIS	NF	92	27.45	236.0%	40.23	129.3%	106	25.91	307.6%
MICHIGAN MISO	HMO	0	0	-	0	-	880	480	83.4%
MICHIGAN MISO	HMW	0	0	-	0	-	50	26.86	85.9%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	18	13.45	30.4%	16.86	4.1%	18	13.79	29.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	10	2.73	266.7%	0	-	6	18.98	-67.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	51	31.45	61.2%	38.09	33.1%	53	34.65	54.2%

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Energy Futures									
MJB FUT	MJB	0	0	-	0	-	0	0.04	-100.0%
MJC FUT	MJC	9	0.91	846.0%	0	-	4	3.08	38.9%
MNC FUT	MNC	297	152.86	94.1%	152.23	94.9%	195	201.2	-3.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,680	266.14	531.2%	2,059.36	-18.4%	1,882	366.58	413.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	6	19.55	-71.9%	2.73	101.7%	4	10.93	-59.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,079	1,515.14	367.2%	7,153.95	-1.0%	5,293	2,437.12	117.2%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	44	18.86	131.9%	102.5	-57.3%	41	31.14	31.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	365	149.32	144.1%	331.68	9.9%	418	256.64	63.0%
MONT BELVIEU NATURAL GASOLINE BALM	R0	4	27.41	-85.0%	17.73	-76.9%	10	16.44	-40.9%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,303	596.86	118.3%	897.55	45.2%	1,121	828.39	35.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	33	38.73	-15.3%	60.55	-45.8%	34	21.44	60.0%
NAT GAS BASIS SWAP	SGW	0	1.82	-100.0%	0	-	0	0.16	-100.0%
NAT GAS BASIS SWAP	TZ6	40	13.82	186.9%	400.95	-90.1%	159	20.69	666.6%
NATURAL GAS	XSC	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	155.27	-100.0%	0	-	0	13.5	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	293.27	-100.0%	0	-	0	25.5	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	MFS	0	66.55	-100.0%	0	-	0	5.79	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	PFS	0	22.55	-100.0%	0	-	0	1.96	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	WFS	0	26	-100.0%	0	-	0	2.26	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	Z5P	0	20.36	-100.0%	0	-	0	1.77	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	ZTS	0	3.82	-100.0%	0	-	0	0.33	-100.0%
NATURAL GAS INDEX	TZI	86	0	-	0	-	46	0	-
NATURAL GAS PEN SWP	NP	6,176	5,814.41	6.2%	5,782.77	6.8%	5,410	8,695.84	-37.8%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	82	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	4	0	-
NEPOOL INTR HUB 5MW D AH	H2	1,872	1,741.32	7.5%	1,063.64	76.0%	1,135	1,261.42	-10.0%
NEPOOL INTR HUB 5MW D AH	U6	102	94.5	7.9%	289	-64.7%	108	80.59	34.4%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	0	15.49	-100.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	4	5.47	-19.4%
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	43.75	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-	0	432.82	-100.0%
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	349.09	-100.0%	0	-	28	175.37	-84.3%

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Energy Futures									
NEPOOL W CNTR M 5MW D AH	R6	0	19.09	-100.0%	0	-	12	6.72	72.9%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	38	67.27	-44.3%	51.14	-26.7%	78	47.71	63.4%
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	170	82.05	106.8%	53	220.1%	175	199.95	-12.5%
NGPL MIDCONTINENT INDEX	IW	31	0	-	66.23	-53.2%	50	1.19	4103.2%
NGPL MIDCONTINENT SWING S	PX	0	0	-	28.18	-100.0%	4	0	-
NGPL TEX/OK	PD	55	164.55	-66.6%	43.23	27.2%	156	333.11	-53.2%
NGPL TEXOK INDEX	OI	0	0	-	0	-	0	4.53	-90.9%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-	0	0.28	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	9	26.55	-64.8%	0	-	18	15.94	10.8%
NORTHEN NATURAL GAS DEMAR	PE	0	20.59	-100.0%	0	-	11	23.37	-52.9%
NORTHEN NATURAL GAS VENTU	PF	62	12.55	392.2%	25.64	140.9%	48	22.62	114.3%
NORTHERN ILLINOIS OFF-PEA	UO	0	0.91	-100.0%	0	-	0	0.4	-100.0%
NORTHWEST ROCKIES BASIS S	NR	340	770.36	-55.8%	520.5	-34.6%	881	537.3	64.0%
N ROCKIES PIPE SWAP	XR	0	45.05	-100.0%	0	-	0	3.92	-100.0%
NY1% VS GC SPREAD SWAP	VR	141	145.05	-3.0%	77.27	82.1%	110	109.28	1.0%
NY 2.2% FUEL OIL (PLATTS	Y3	0	2.27	-100.0%	10	-100.0%	3	3.87	-27.2%
NY 3.0% FUEL OIL (PLATTS	H1	4	18.18	-79.4%	13.64	-72.5%	8	20.73	-60.9%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	2.1	-90.1%
NY HARBOR HEAT OIL SWP	MP	97	250.64	-61.2%	137.64	-29.3%	127	212.5	-40.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	15	0	-	26.14	-43.6%	31	15.98	96.5%
NY HARBOR RESIDUAL FUEL 1	MM	92	183.77	-50.1%	84	9.2%	169	245.38	-31.2%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0.4	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	37	82.05	-54.8%	31.95	16.1%	81	123.39	-34.7%
NY H OIL PLATTS VS NYMEX	YH	0	1.86	-100.0%	0	-	0	3.86	-100.0%
NYISO A	KA	0	0	-	0	-	0	3.88	-100.0%
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	1.74	-100.0%
NYISO CAPACITY	LHV	2	0	-	3.27	-35.8%	1	0	-
NYISO CAPACITY	NNC	5	5.91	-23.8%	11.82	-61.9%	9	14.72	-39.7%
NYISO CAPACITY	NRS	4	10.91	-67.0%	30.55	-88.2%	13	20.43	-36.6%
NYISO G	KG	0	0	-	0	-	0	1.86	-100.0%
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0.75	-100.0%
NYISO J	KJ	0	0	-	0	-	1	12.81	-90.7%

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Energy Futures									
NYISO J OFF-PEAK	KK	0	0	-	0	-	1	2.33	-76.3%
NYISO ZONE A 5MW D AH O P	K4	0	0	-	723.64	-100.0%	1,596	1,712	-6.8%
NYISO ZONE A 5MW D AH PK	K3	0	125.45	-100.0%	0	-	4	76.37	-94.2%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	2,467.73	-100.0%	374	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	68.73	-100.0%	10	0	-
NYISO ZONE G 5MW D AH O P	D2	3,978	1,067.27	272.7%	175	2173.1%	2,511	1,013	147.9%
NYISO ZONE G 5MW D AH PK	T3	153	289.09	-47.1%	308.18	-50.4%	173	140.19	23.4%
NYISO ZONE J 5MW D AH O P	D4	0	1,067.27	-100.0%	0	-	710	252.47	181.2%
NYISO ZONE J 5MW D AH PK	D3	0	202.95	-100.0%	0	-	54	37.47	42.9%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-	0	6.9	-100.0%
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0.68	-100.0%	0	-	0	4.7	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	12	23	-48.7%	1.36	765.4%	20	130.95	-84.5%
ONEOK OKLAHOMA NG BASIS	8X	0	30.82	-100.0%	0	-	7	11.82	-44.9%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	1	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	26	631.84	-95.9%
ONTARIO POWER SWAPS	OPD	2	1.36	10.0%	4.55	-67.0%	2	1.4	20.4%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	3	35.53	-91.5%
PANHANDLE BASIS SWAP FUTU	PH	412	1,419.32	-71.0%	192.45	114.2%	411	520.98	-21.1%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	87.36	-100.0%	17	10.43	64.0%
PANHANDLE PIPE SWAP	XH	0	14.27	-100.0%	0	-	0	1.24	-100.0%
PERMIAN BASIS SWAP	PM	186	100.91	84.3%	182.64	1.8%	181	145.73	24.1%
PETROCHEMICALS	22	1	0.95	-21.4%	1.77	-57.7%	3	1.59	60.6%
PETROCHEMICALS	32	2	1.18	90.4%	2.45	-8.3%	3	2.43	8.1%
PETROCHEMICALS	8I	5	17.36	-68.6%	6.95	-21.6%	8	20.64	-61.0%
PETROCHEMICALS	91	9	2.36	282.9%	6.36	42.2%	8	1.41	497.5%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.23	44.4%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0.3	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	-	1	0	-
PETROCHEMICALS	MAE	5	2.73	65.0%	2.05	120.0%	2	1.15	113.6%
PETROCHEMICALS	MAS	3	2.27	43.0%	1.59	104.3%	6	1.4	347.3%
PETROCHEMICALS	MBE	206	42.73	381.5%	110.23	86.7%	134	89.84	49.2%
PETROCHEMICALS	MNB	96	75.09	28.1%	146.14	-34.2%	93	63.07	46.8%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	7	4.2	72.5%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	3	-85.3%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	1.26	-100.0%

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Energy Futures									
PETRO CRCKS & SPRDS NA	CRB	21	6.91	203.9%	5.23	301.7%	6	15.19	-58.5%
PETRO CRCKS & SPRDS NA	EXR	48	60.09	-19.9%	77.09	-37.5%	67	53.4	25.4%
PETRO CRCKS & SPRDS NA	FOC	91	22.73	301.5%	62.5	46.0%	42	32.21	30.6%
PETRO CRCKS & SPRDS NA	GBB	2	0	-	33.18	-95.5%	8	0.2	3948.6%
PETRO CRCKS & SPRDS NA	GCC	5	0	-	4.55	10.0%	10	2.77	255.2%
PETRO CRCKS & SPRDS NA	GCI	120	11.82	914.1%	32.91	264.2%	45	47.39	-4.9%
PETRO CRCKS & SPRDS NA	GCM	1	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	312	598.5	-47.8%	227.77	37.0%	361	529.97	-31.9%
PETRO CRCKS & SPRDS NA	GFC	5	0	-	0	-	1	0.4	81.4%
PETRO CRCKS & SPRDS NA	HOB	207	274.77	-24.8%	106.36	94.4%	204	153.3	33.1%
PETRO CRCKS & SPRDS NA	KSD	0	6.82	-100.0%	0	-	0	1.54	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	1.36	-100.0%	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	6.82	-100.0%	4.55	-100.0%	4	0.79	353.7%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	3.41	-100.0%	1	9.09	-86.7%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	2	0	-
PETRO CRCKS & SPRDS NA	RBB	459	430.73	6.6%	383.77	19.6%	455	495.57	-8.2%
PETRO CRCKS & SPRDS NA	RVG	403	0	-	382.55	5.3%	347	24.92	1293.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	64	25.09	153.5%	49.23	29.2%	82	79.57	3.3%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-	0	0.2	-100.0%
PETRO CRK&SPRD EURO	43	2	7.36	-69.4%	3.14	-28.3%	7	14.77	-54.4%
PETRO CRK&SPRD EURO	BFR	0	2.27	-100.0%	0	-	0	0.67	-100.0%
PETRO CRK&SPRD EURO	BOB	59	65.91	-9.9%	100.32	-40.8%	97	79.89	21.2%
PETRO CRK&SPRD EURO	EOB	0	1.55	-100.0%	0.73	-100.0%	1	1.8	-65.2%
PETRO CRK&SPRD EURO	EPN	6	1.95	212.1%	18.95	-67.8%	11	2.29	369.3%
PETRO CRK&SPRD EURO	EVC	52	34.5	49.3%	88.91	-42.1%	69	64.91	6.0%
PETRO CRK&SPRD EURO	FBT	5	0	-	0	-	3	3.44	-7.7%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0.12	-100.0%
PETRO CRK&SPRD EURO	GCB	0	5.68	-100.0%	0	-	5	4.58	14.5%
PETRO CRK&SPRD EURO	GOC	0	0.55	-100.0%	0.68	-100.0%	0	2.66	-82.1%
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	3	-100.0%	0	-	0	1.72	-100.0%
PETRO CRK&SPRD EURO	MUD	6	1.18	390.8%	4.77	21.5%	5	3.78	35.6%
PETRO CRK&SPRD EURO	NBB	1	0.68	68.7%	0	-	1	0.22	283.3%
PETRO CRK&SPRD EURO	NOB	41	4.64	791.9%	25.59	61.6%	19	9.47	105.3%
PETRO CRK&SPRD EURO	SFB	0	0	-	1.82	-100.0%	1	0.06	1121.1%

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Energy Futures									
PETRO CRK&SPRD EURO	SFC	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	D44	0	0	-	0	-	0	0.13	-100.0%
PETROLEUM PRODUCTS	D45	0	0	-	0	-	0	0.23	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	1.36	-100.0%	0	0	-
PETROLEUM PRODUCTS	D64	0	0	-	0	-	0	0.83	-100.0%
PETROLEUM PRODUCTS	D65	0	0	-	0	-	0	0.55	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0.1	-100.0%
PETROLEUM PRODUCTS	EWG	76	0	-	3.41	2135.2%	14	0.07	20017.3%
PETROLEUM PRODUCTS	MBS	0	0	-	0.45	-100.0%	4	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	1.36	-100.0%	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	9	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-	3	3.41	-13.6%
PETROLEUM PRODUCTS ASIA	MJN	89	48.18	84.7%	64.09	38.9%	63	75.59	-16.8%
PETRO OUTRIGHT EURO	0A	0	0	-	0	-	0	0.36	-100.0%
PETRO OUTRIGHT EURO	0B	21	0	-	1.91	1000.0%	9	4.25	103.1%
PETRO OUTRIGHT EURO	0C	0	0	-	1.36	-100.0%	1	0.84	-13.2%
PETRO OUTRIGHT EURO	0D	114	218.73	-48.1%	208.14	-45.4%	204	206.77	-1.2%
PETRO OUTRIGHT EURO	0E	36	29.95	21.5%	30.82	18.1%	41	24.09	68.3%
PETRO OUTRIGHT EURO	0F	63	22	184.3%	105.14	-40.5%	55	44.93	22.8%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.36	-61.2%
PETRO OUTRIGHT EURO	33	1	8.23	-90.9%	0.45	65.0%	2	2.44	-38.2%
PETRO OUTRIGHT EURO	5L	30	0	-	9.09	228.4%	10	5.32	91.6%
PETRO OUTRIGHT EURO	63	7	6.14	5.9%	1.82	257.5%	6	4.92	22.9%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	7I	25	8.95	182.5%	1.91	1225.2%	9	8.62	1.8%
PETRO OUTRIGHT EURO	7P	0	0	-	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO	7R	20	5.77	247.3%	11.18	79.3%	13	12.44	5.9%
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	1.21	-68.5%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.12	-65.1%
PETRO OUTRIGHT EURO	CPB	1	0.23	230.0%	4.18	-82.1%	2	2	4.8%
PETRO OUTRIGHT EURO	EFF	0	0	-	2.27	-100.0%	2	0.67	272.7%
PETRO OUTRIGHT EURO	EFM	26	0.14	19144.9%	0	-	4	1.8	135.8%
PETRO OUTRIGHT EURO	ENS	20	0.77	2520.7%	0.45	4355.4%	7	2.78	147.7%
PETRO OUTRIGHT EURO	EWN	15	3.05	392.5%	13.77	8.9%	9	4.1	108.4%
PETRO OUTRIGHT EURO	FBD	1	0.45	120.0%	0	-	0	0.48	-71.2%
PETRO OUTRIGHT EURO	MBB	0	1.36	-100.0%	2.27	-100.0%	1	0.97	-40.2%

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Energy Futures									
PETRO OUTRIGHT EURO	MBN	73	42.95	70.5%	116.95	-37.4%	66	53.79	22.1%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	2.37	-88.4%
PETRO OUTRIGHT EURO	T0	0	13.64	-100.0%	8	-100.0%	3	7.89	-67.8%
PETRO OUTRIGHT EURO	ULB	20	0	-	0	-	3	6.13	-44.8%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	0	11.37	-100.0%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	2.76	-100.0%
PETRO OUTRIGHT EURO	Y0	0	0	-	0	-	0	0.4	-100.0%
PETRO OUTRIGHT NA	FCB	1	13.23	-92.8%	21.14	-95.5%	7	12.18	-45.3%
PETRO OUTRIGHT NA	FOB	0	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0.25	-91.6%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	0	-	0	-	3	2.23	35.6%
PETRO OUTRIGHT NA	JET	185	175.68	5.3%	82.05	125.5%	101	66.82	50.6%
PETRO OUTRIGHT NA	MBL	0	0	-	3.55	-100.0%	1	2.95	-60.7%
PETRO OUTRIGHT NA	MEN	43	23.73	81.4%	11.14	286.6%	34	30.68	9.5%
PETRO OUTRIGHT NA	MEO	525	365.27	43.7%	642.27	-18.3%	485	397.09	22.2%
PETRO OUTRIGHT NA	MFD	16	3.73	319.9%	8.18	91.3%	5	3.59	52.6%
PETRO OUTRIGHT NA	MMF	2	4.09	-63.3%	6.82	-78.0%	7	7.66	-4.3%
PETRO OUTRIGHT NA	NYT	0	0	-	4.55	-100.0%	1	0.1	598.1%
PETRO OUTRIGHT NA	XER	0	4.09	-100.0%	0	-	0	0.36	-100.0%
PJM AD HUB 5MW REAL TIME	V3	3,274	6,407.27	-48.9%	3,344.73	-2.1%	6,997	6,568.19	6.5%
PJM AD HUB 5MW REAL TIME	Z9	453	381.36	18.7%	778.45	-41.8%	558	442.59	26.0%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-	0	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-	0	0.52	-100.0%
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	1,063.64	-100.0%	0	-	0	92.49	-100.0%
PJM ATSI ELEC	MPD	0	57.95	-100.0%	0	-	0	5.04	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	161	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-	9	0	-
PJM COMED 5MW D AH O PK	D9	1,174	2,581.59	-54.5%	0	-	1,453	341.68	325.2%
PJM COMED 5MW D AH PK	D8	64	140	-54.6%	0	-	79	28.26	179.9%
PJM DAILY	JD	0	0	-	0	-	9	0	-
PJM DAYTON DA OFF-PEAK	R7	0	1,063.64	-100.0%	0	-	147	941.93	-84.4%

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Energy Futures									
PJM DAYTON DA PEAK	D7	318	294.09	8.0%	347.27	-8.6%	102	65.2	56.1%
PJM DUQUESNE 5MW D AH PK	D5	0	0	-	0	-	0	0	-
PJM DUQUS 5MW D AH O PK	D6	0	0	-	0	-	0	0	-
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-	0	60.71	-100.0%
PJM JCPL DA PEAK	J2	0	0	-	0	-	0	2.57	-100.0%
PJM NI HUB 5MW REAL TIME	B3	0	579.09	-100.0%	781.14	-100.0%	289	274.42	5.5%
PJM NI HUB 5MW REAL TIME	B6	2,471	10,661.82	-76.8%	10,881.82	-77.3%	6,823	7,427.85	-8.1%
PJM NILL DA OFF-PEAK	L3	1,431	2,830.23	-49.4%	8,737.09	-83.6%	3,635	2,003.33	81.4%
PJM NILL DA PEAK	N3	69	149.73	-54.1%	470.32	-85.4%	174	93.74	85.5%
PJM OFF-PEAK LMP SWAP FUT	JP	0	24.55	-100.0%	0	-	1	7.37	-86.9%
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	2.57	-100.0%
PJM PEPKO DA OFF-PEAK	Q8	0	0	-	0	-	0	29.41	-100.0%
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-	0	241.71	-100.0%
PJM PPL DA PEAK	L5	0	0	-	0	-	0	13.1	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	1,130	7.75	14481.8%
PJM PSEG DA PEAK	L6	0	0	-	0	-	35	0.43	7989.3%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	18,784	4,276.36	339.3%	1,447.27	1197.9%	5,690	3,192.55	78.2%
PJM WESTHDA PEAK	J4	1,016	255.68	297.4%	59.91	1595.9%	294	166.56	76.4%
PJM WESTH RT OFF-PEAK	N9	48,116	20,225.45	137.9%	21,172.45	127.3%	37,439	14,350.82	160.9%
PJM WESTH RT PEAK	L1	2,990	930.68	221.3%	2,626.64	13.8%	3,099	992.34	212.3%
PLASTICS	PGP	1	20	-95.0%	14.09	-92.9%	15	41.8	-64.8%
PREMIUM UNLD 10P FOB MED	3G	15	9.59	53.3%	11.86	23.9%	15	13.4	10.9%
PREMIUM UNLEAD 10PPM FOB	8G	1	2.32	-63.3%	4.41	-80.7%	2	2.76	-30.5%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.33	-95.8%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	3	2.05	34.4%	0.68	303.3%	2	1.34	24.7%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	11	1.14	890.0%	36.27	-69.0%	17	9.93	73.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	582	432.32	34.7%	383.64	51.8%	489	358.93	36.2%
RBOB CALENDAR SWAP	RL	379	408.27	-7.3%	327.59	15.6%	288	336.13	-14.2%
RBOB CRACK SPREAD	RM	3	57.82	-95.7%	15.64	-84.0%	71	50.57	40.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.12	45.4%
RBOB GASOLINE BALMO CLNDR	1D	47	42.36	11.3%	13.36	252.8%	31	51.86	-39.3%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0.36	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	543.86	-100.0%	0	-	63	482.61	-86.8%
RBOB VS HEATING OIL SWAP	RH	114	14.77	671.7%	101.64	12.2%	77	48.48	59.7%

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Energy Futures									
ROCKIES KERN OPAL - NW IN	IR	16	0	-	0	-	7	7.43	-2.9%
SAN JUAN BASIS SWAP	NJ	236	297.95	-20.8%	200.05	18.0%	312	117.92	164.9%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	1	4.32	-82.6%	1.73	-56.6%	3	1.81	45.5%
SINGAPORE 380CST BALMO	BT	7	13.45	-49.8%	7.05	-4.2%	7	5.02	38.4%
SINGAPORE 380CST FUEL OIL	SE	465	218.73	112.8%	363.23	28.1%	314	250.97	25.0%
SINGAPORE FUEL 180CST CAL	UA	54	81.91	-34.1%	43.23	24.8%	60	87.78	-32.2%
SINGAPORE FUEL OIL SPREAD	SD	29	14.82	94.4%	41.09	-29.9%	27	22.56	17.7%
SINGAPORE GASOIL	MTB	8	5.95	39.4%	4.32	92.2%	12	5.77	100.9%
SINGAPORE GASOIL	MTS	172	136.45	26.2%	179.32	-4.0%	167	119.77	39.2%
SINGAPORE GASOIL	STL	0	0	-	0	-	1	0.59	16.3%
SINGAPORE GASOIL	STZ	0	0	-	8.18	-100.0%	1	0.99	25.6%
SINGAPORE GASOIL BALMO	VU	39	10.23	281.3%	13.41	190.8%	14	5.2	159.7%
SINGAPORE GASOIL CALENDAR	MSG	0	2.27	-100.0%	7.27	-100.0%	2	27.15	-91.2%
SINGAPORE GASOIL SWAP	SG	328	73.86	344.2%	180.59	81.7%	202	110.89	82.5%
SINGAPORE GASOIL VS ICE	GA	125	14.55	762.1%	59.09	112.2%	90	23.72	278.3%
SINGAPORE JET KERO BALMO	BX	0	1.14	-100.0%	0	-	0	2.17	-82.2%
SINGAPORE JET KERO GASOIL	RK	87	21.59	304.1%	10.23	753.1%	35	14.39	142.1%
SINGAPORE JET KEROSENE SW	KS	57	52.64	7.3%	6.82	728.7%	26	64.68	-60.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	2.27	-100.0%	0	-	0	0.2	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	4.55	-100.0%	0.68	-100.0%	19	14.3	35.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	290	169.09	71.7%	425.45	-31.8%	320	317.86	0.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-	0	4.64	-100.0%
SING FUEL	MSD	0	0.23	10.0%	0	-	0	0.04	74.7%
SOCAL BASIS SWAP	NS	0	4.36	-100.0%	0	-	0	0.38	-100.0%
SOCAL PIPE SWAP	XN	0	22.18	-100.0%	0	-	39	1.93	1902.2%
SONAT BASIS SWAP FUTURE	SZ	0	196.55	-100.0%	0	-	3	58.17	-95.6%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	4	16.92	-78.7%
SOUTH STAR TEX OKLHM KNS	8Z	55	5.64	879.3%	0	-	9	28.68	-67.1%
Sumas Basis Swap	NK	39	38.64	1.8%	37.59	4.7%	95	56.71	67.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	131.5	-100.0%	0	-	0	11.43	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	0	0.05	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.12	-12.8%
TCO BASIS SWAP	TC	67	76.27	-11.8%	110.82	-39.3%	120	155.65	-22.8%
TCO NG INDEX SWAP	Q1	0	177.45	-100.0%	0	-	0	15.43	-100.0%

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Energy Futures									
TENN 800 LEG NAT GAS INDE	L4	0	0	-	11.27	-100.0%	9	12.62	-29.8%
TENNESSEE 500 LEG BASIS S	NM	17	38.91	-57.5%	0	-	5	21.84	-77.1%
TENNESSEE 800 LEG NG BASI	6Z	0	50	-100.0%	2.82	-100.0%	5	15.45	-64.5%
TENNESSEE ZONE 0 BASIS SW	NQ	30	0	-	54.91	-45.0%	18	4.08	339.6%
Tetco ELA Basis	TE	0	0	-	0	-	0	5.38	-100.0%
TETCO M-3 INDEX	IX	14	202.91	-93.1%	8.45	65.0%	51	43.73	17.7%
Tetco STX Basis	TX	37	0	-	0	-	11	18.45	-39.8%
TEXAS EASTERN ZONE M-3 BA	NX	427	179.86	137.2%	253.86	68.0%	385	99.24	287.6%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	63.86	-100.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	-	0	-	0	1.45	-100.0%
Transco Zone 3 Basis	CZ	0	13.82	-100.0%	0	-	4	27.57	-84.7%
TRANSCO ZONE4 BASIS SWAP	TR	78	466.05	-83.2%	97.64	-19.8%	112	299.94	-62.7%
TRANSCO ZONE 4 NAT GAS IN	B2	37	16.91	120.0%	9.86	277.1%	10	4.9	105.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	61	27.45	122.0%	30.41	100.4%	44	42.16	4.5%
TRANSCO ZONE 6 INDEX	IT	30	0	-	0	-	41	0.3	13706.9%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	5.55	-100.0%	0	-	0	0.48	-100.0%
UCM FUT	UCM	1	0.91	-45.0%	2.55	-80.4%	2	2.28	-30.3%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED VS ICE	Z7	2	0.68	237.3%	0	-	1	4.42	-76.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0.45	-100.0%	0	-	0	0.1	144.3%
ULSD UP-DOWN BALMO SWP	1L	493	401.36	22.9%	242.05	103.7%	224	179.31	24.7%
UP DOWN GC ULSD VS NMX HO	LT	3,430	1,928.77	77.8%	2,139.55	60.3%	2,583	1,974.87	30.8%
USGC UNL 87 CRACK SPREAD	RU	0	13.64	-100.0%	0	-	1	14.03	-91.4%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	2	-100.0%	0	-	0	0.17	-100.0%
WAHA BASIS	NW	345	191.59	79.8%	366.36	-6.0%	246	161.57	52.3%
WAHA INDEX SWAP FUTURE	IY	31	0	-	83.09	-62.7%	55	6.77	709.2%
WESTERN RAIL DELIVERY PRB	QP	18	58.41	-69.6%	72.09	-75.4%	51	103.64	-51.0%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	856	1,254.59	-31.8%	598.41	43.0%	594	1,097.31	-45.8%
WTI CALENDAR	CS	1,047	1,220.59	-14.2%	1,283.18	-18.4%	1,464	1,600.02	-8.5%
WTS (ARGUS) VS WTI SWAP	FF	23	428.18	-94.7%	16.91	33.1%	51	240.85	-78.9%
WTS (ARGUS) VS WTI TRD MT	FH	51	26.82	88.3%	22.32	126.3%	53	76.89	-30.7%

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Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0.4	-100.0%
APPALACHIAN COAL	6K	0	0	-	0	-	0	0.16	-100.0%
BRENT CALENDAR SWAP	BA	0	27.27	-100.0%	34.64	-100.0%	73	605.34	-87.9%
BRENT OIL LAST DAY	BE	258	301.45	-14.6%	154.5	66.7%	208	207.99	0.2%
BRENT OIL LAST DAY	BZO	1,330	0	-	1,565.55	-15.0%	663	2.85	23196.5%
BRENT OIL LAST DAY	OS	35	202.55	-82.6%	163.82	-78.5%	77	218.15	-64.5%
COAL API2 INDEX	CLA	184	214.77	-14.6%	343.5	-46.6%	309	261.75	18.1%
COAL API2 INDEX	CQA	35	670.23	-94.8%	125	-72.0%	696	397.83	74.9%
COAL API2 INDEX	MTC	0	0	-	0	-	1	0.6	73.3%
COAL API4 INDEX	RLA	0	2.27	-100.0%	0	-	0	5.53	-93.8%
COAL API4 INDEX	RQA	0	0	-	0	-	9	2.37	286.8%
COAL SWAP	CPF	0	0	-	0	-	3	2.89	-8.0%
COAL SWAP	RPF	0	9.09	-100.0%	1.82	-100.0%	1	15.14	-96.1%
CRUDE OIL 1MO	WA	16,501	10,155.68	62.5%	15,392.55	7.2%	11,894	9,324.93	27.6%
CRUDE OIL APO	AO	1,000	1,473.18	-32.1%	1,577.05	-36.6%	1,195	2,856.53	-58.2%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	8	85.38	-90.7%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	3.56	-100.0%
CRUDE OIL PHY	CD	65	38.64	68.2%	247.73	-73.8%	175	70.75	146.9%
CRUDE OIL PHY	LC	1,190	3,366.36	-64.7%	1,430.95	-16.8%	1,865	1,924.91	-3.1%
CRUDE OIL PHY	LO	170,730	170,738.73	0.0%	146,205.45	16.8%	178,419	156,628.74	13.9%
CRUDE OIL PHY	LO1	200	108.77	83.5%	245.95	-18.9%	242	200.65	20.7%
CRUDE OIL PHY	LO2	148	69.55	113.3%	270.59	-45.2%	202	159.28	27.0%
CRUDE OIL PHY	LO3	0	48.64	-100.0%	68.77	-100.0%	98	98.22	0.1%
CRUDE OIL PHY	LO4	151	77.45	94.3%	202.23	-25.6%	202	119.77	68.9%
CRUDE OIL PHY	LO5	234	121.09	92.9%	0.09	256885.7%	107	60.55	77.1%
DAILY CRUDE OIL	DNM	0	0	-	0	-	0	31.62	-100.0%
ELEC FINSETTLED	PML	3	0.55	358.3%	0.82	205.5%	1	0.15	853.3%
ELEC MISO PEAK	9T	0	0	-	117.27	-100.0%	18	10.04	77.2%
ELECTRICITY OFF PEAK	N9P	0	0	-	0	-	0	0	-
ETHANOL	CE1	0	0	-	0	-	0	0	-
ETHANOL	CE3	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	220	190.45	15.3%	292.59	-24.9%	267	288.51	-7.5%
ETHANOL SWAP	GVR	22	13.64	57.7%	31.36	-31.4%	16	15.55	2.8%
EURO-DENOMINATED PETRO PROD	EFB	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0.06	-100.0%

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Energy Options									
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0	-
GASOIL CRACK SPREAD AVG PRICE OPTIO	3U	0	0	-	0	-	0	0	-
GASOLINE	GCE	0	0	-	0	-	6	0.49	1117.1%
HEATING OIL PHY	LB	64	10.82	495.3%	4.18	1440.0%	18	24.53	-26.6%
HEATING OIL PHY	OH	2,493	1,608.05	55.0%	2,777.14	-10.2%	2,732	2,397.86	13.9%
HENRY HUB FINANCIAL LAST	E7	100	90.82	10.3%	308.86	-67.6%	106	93.52	13.2%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	39	13.83	184.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	14.72	-100.0%
LLS CRUDE OIL	WJO	120	0	-	0	-	77	16.13	376.0%
MCCLOSKEY ARA ARGS COAL	MTO	15	0	-	9.55	57.1%	62	35.55	74.5%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-	16	7.41	121.9%
NATURAL GAS	G10	0	0	-	0	-	3	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	-	0	-	0	10.28	-100.0%
NATURAL GAS 1 M CSO FIN	G4	150	252.27	-40.5%	106.82	40.4%	252	1,073.97	-76.5%
NATURAL GAS 2 M CSO FIN	G2	0	45.45	-100.0%	0	-	7	19.57	-64.8%
NATURAL GAS 3 M CSO FIN	G3	852	466.59	82.6%	1,417.27	-39.9%	1,081	258.68	317.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	8	10.67	-22.5%
NATURAL GAS 6 M CSO FIN	G6	0	45.45	-100.0%	0	-	28	185.38	-84.7%
NATURAL GAS OPTION ON CALENDAR STR	6J	45	24.55	83.3%	27.27	65.0%	92	51.46	79.3%
NATURAL GAS PHY	KD	864	887.27	-2.7%	2,090.77	-58.7%	1,606	1,072.45	49.7%
NATURAL GAS PHY	LN	97,805	83,019.95	17.8%	110,702.45	-11.7%	92,308	77,448.58	19.2%
NATURAL GAS PHY	ON	15,605	9,483.18	64.6%	14,337	8.8%	13,549	11,975.07	13.1%
NATURAL GAS PHY	ON5	0	0	-	0	-	0	0.1	-100.0%
NG HH 3 MONTH CAL	IC	0	0	-	0	-	3	0	-
N ROCKIES PIPE SWAP	ZR	36	41.18	-12.6%	32.73	10.0%	24	25.41	-4.7%
NY HARBOR HEAT OIL SWP	AT	341	750.36	-54.6%	285	19.6%	291	655.77	-55.6%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	3	2.17	33.2%
NYMEX EUROPEAN GASOIL APO	F7	0	2.64	-100.0%	0	-	0	5.78	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0.91	-100.0%	0	-	0	1.03	-100.0%
PETROCHEMICALS	4H	22	78.32	-72.4%	51.14	-57.8%	65	52.73	23.9%
PETROCHEMICALS	4I	0	0	-	0	-	0	0	-
PETROCHEMICALS	4J	55	0	-	9.55	473.6%	31	7.27	322.5%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0.64	-100.0%	0	-	3	0.06	6073.2%
PETRO OUTRIGHT EURO	8H	0	6.82	-100.0%	0	-	0	0.71	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	-	0	-	0	0	-

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Energy Options									
PJM CALENDAR STRIP	6O	0	11.82	-100.0%	0	-	0	6.48	-100.0%
PJM ELECTRIC	6OO	0	0	-	0	-	0	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	14	0.91	1440.0%	0	-	3	0.79	266.4%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	71	0	-
PJM WES HUB PEAK LMP 50MW	PMA	11	0	-	5.73	87.7%	13	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	23	0	-
RBOB CALENDAR SWAP	RA	0	126.14	-100.0%	54.55	-100.0%	40	85.57	-53.3%
RBOB PHY	OB	1,018	2,027.55	-49.8%	1,846.82	-44.9%	1,971	1,374.66	43.4%
RBOB PHY	RF	0	0	-	0	-	0	21.5	-99.4%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	2.73	-100.0%	5.45	-100.0%	3	2.43	13.5%
SAN JUAN PIPE SWAP	PJ	36	33.09	8.8%	125.45	-71.3%	44	20.13	116.3%
SHORT TERM	U11	5	0	-	0	-	11	13.87	-20.5%
SHORT TERM	U12	30	0	-	0	-	19	8.16	134.9%
SHORT TERM	U13	5	9.09	-45.0%	32.95	-84.8%	24	10.02	134.8%
SHORT TERM	U14	40	4.55	780.0%	18.18	120.0%	31	6.62	360.9%
SHORT TERM	U15	6	9.09	-31.2%	20.45	-69.4%	14	10.87	25.3%
SHORT TERM	U22	25	6.82	266.7%	10.23	144.4%	16	6.17	165.6%
SHORT TERM	U23	0	3.64	-100.0%	8.18	-100.0%	5	9.74	-51.9%
SHORT TERM	U24	0	0	-	18.18	-100.0%	10	8.32	14.4%
SHORT TERM	U25	0	0	-	0	-	1	3.95	-64.2%
SHORT TERM	U26	0	0	-	0	-	8	4.25	99.6%
SHORT TERM CRUDE OIL	C02	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	15	0	-	18.18	-17.5%	23	7.33	208.0%
SHORT TERM NATURAL GAS	U02	0	0	-	4.55	-100.0%	21	23.77	-10.8%
SHORT TERM NATURAL GAS	U03	0	9.09	-100.0%	9.09	-100.0%	5	12.25	-59.2%
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	17	9.21	87.2%
SHORT TERM NATURAL GAS	U05	15	0	-	0	-	16	8.7	84.4%
SHORT TERM NATURAL GAS	U06	5	0	-	0	-	13	9.19	44.8%
SHORT TERM NATURAL GAS	U07	15	13.64	10.0%	9.09	65.0%	24	11.54	109.1%
SHORT TERM NATURAL GAS	U08	0	13.64	-100.0%	31.82	-100.0%	14	7.81	80.8%
SHORT TERM NATURAL GAS	U09	0	17.27	-100.0%	64.77	-100.0%	23	21.47	9.0%
SHORT TERM NATURAL GAS	U10	0	5.68	-100.0%	30.68	-100.0%	25	14.82	65.9%
SHORT TERM NATURAL GAS	U16	0	0	-	80.68	-100.0%	23	11.96	90.9%
SHORT TERM NATURAL GAS	U17	0	6.82	-100.0%	4.55	-100.0%	5	7.85	-31.4%
SHORT TERM NATURAL GAS	U18	26	0	-	0	-	14	4.35	229.9%

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Energy Options									
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	7	12.53	-40.6%
SHORT TERM NATURAL GAS	U20	0	11.36	-100.0%	13.64	-100.0%	7	6.84	3.9%
SHORT TERM NATURAL GAS	U21	5	9.09	-45.0%	0	-	4	9.29	-57.3%
SHORT TERM NATURAL GAS	U27	5	4.55	10.0%	0	-	6	4.84	28.2%
SHORT TERM NATURAL GAS	U28	63	0	-	4.55	1275.0%	23	1.78	1169.8%
SHORT TERM NATURAL GAS	U29	11	0	-	6.82	65.0%	17	6.32	167.2%
SHORT TERM NATURAL GAS	U30	0	2.27	-100.0%	4.55	-100.0%	4	16.11	-74.3%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	5	1.5	244.4%
SINGAPORE FUEL OIL 180 CS	C5	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	1.19	-100.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-	0	5.93	-100.0%
SOCAL PIPE SWAP	ZN	0	0	-	0	-	69	0	-
WTI 12 MONTH CALENDAR OPT	WZ	0	0	-	0	-	0	7.91	-100.0%
WTI-BRENT BULLET SWAP	BV	718	627.27	14.4%	350	105.0%	944	1,060.71	-11.0%
WTI CRUDE OIL 1 M CSO FI	7A	5,450	5,077.27	7.3%	9,169.09	-40.6%	8,120	7,294.69	11.3%
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	9	7.18	26.7%	11.45	-20.6%	10	7.18	45.8%
COFFEE	KT	0	2.77	-89.2%	2.36	-87.3%	1	2.51	-62.4%
COTTON	TT	6	3.05	103.6%	1.73	258.9%	3	2.31	40.2%
SUGAR 11	YO	3	7.55	-64.2%	1.91	41.4%	3	6.21	-58.0%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		18	20.55	-10.9%	17.45	4.8%	17	18.21	-5.2%
Energy Futures		1,886,844	1,541,199.18	22.4%	1,956,211.68	-3.5%	2,073,212	1,689,389.83	22.7%
Metals Futures		465,393	336,311.32	38.4%	436,967.41	6.5%	420,322	308,947.8	36.0%
TOTAL FUTURES		2,352,255	1,877,531.05	25.3%	2,393,196.55	-1.7%	2,493,551.66	1,998,355.84	24.8%

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TOTAL OPTIONS GROUP								
Energy Options	318,385	292,679	8.8%	312,580.18	1.9%	320,902	279,234.75	14.9%
Metals Options	37,295	45,101.64	-17.3%	45,631.55	-18.3%	46,474	35,518.11	30.8%
TOTAL OPTIONS	355,680	337,780.64	5.3%	358,211.73	-0.7%	367,376.36	314,752.86	16.7%
TOTAL COMBINED								
Metals	502,688	381,412.95	31.8%	482,598.96	4.2%	466,796	344,465.91	35.5%
Energy	2,205,229	1,833,878.18	20.2%	2,268,791.86	-2.8%	2,394,114	1,968,624.58	21.6%
Commodities and Alternative Investments	18	20.55	-10.9%	17.45	4.8%	17	18.21	-5.2%
GRAND TOTAL	2,707,936	2,215,311.68	22.2%	2,751,408.27	-1.6%	2,860,928.02	2,313,108.7	23.7%