

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV JUL 2017	ADV JUL 2016	% CHG	ADV JUN 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Metals Futures									
COMEX GOLD	GC	297,852	289,924	2.7%	223,028.68	33.5%	264,371	239,373.29	10.4%
NYMEX HOT ROLLED STEEL	HR	332	170.75	94.4%	222.95	48.9%	215	228.94	-6.1%
NYMEX PLATINUM	PL	16,053	13,984.45	14.8%	24,071	-33.3%	18,163	14,989.54	21.2%
PALLADIUM	PA	4,136	5,210.95	-20.6%	5,476.73	-24.5%	5,825	5,336.78	9.1%
URANIUM	UX	14	0	-	24.09	-40.6%	29	44.78	-34.9%
COMEX SILVER	SI	91,486	72,937.3	25.4%	107,795.55	-15.1%	89,282	71,115.92	25.5%
COMEX E-Mini GOLD	QO	361	790.2	-54.3%	266.27	35.5%	408	556.39	-26.8%
COMEX E-Mini SILVER	QI	46	108.95	-58.0%	44.82	2.1%	44	59.03	-25.2%
COMEX COPPER	HG	87,025	75,508.45	15.3%	104,436.59	-16.7%	96,833	82,006.41	18.1%
COMEX MINY COPPER	QC	19	16.7	10.8%	45.27	-59.1%	38	28.39	33.1%
Aluminium MW Trans Prem Platts	AUP	237	309.6	-23.6%	269.14	-12.1%	356	299.3	19.1%
ALUMINUM	A38	0	2.5	-100.0%	0	-	0	0.34	-40.0%
ALUMINUM	AEP	36	67.5	-46.7%	62.73	-42.6%	123	51.92	136.3%
ALUMINUM	ALA	13	0	-	2.27	450.0%	3	0	-
ALUMINUM	ALI	17	33.25	-50.1%	17.27	-3.9%	38	30.3	25.2%
ALUMINUM	EDP	24	21	14.3%	56.95	-57.9%	31	17.17	81.9%
ALUMINUM	MJP	133	17.05	678.3%	42.59	211.6%	58	32.16	78.8%
COPPER	HGS	1	1.5	-26.7%	1.82	-39.5%	7	19.57	-65.3%
E-MICRO GOLD	MGC	4,073	4,869.9	-16.4%	3,965	2.7%	4,180	4,603.52	-9.2%
FERROUS PRODUCTS	BUS	2	0	-	8.86	-83.1%	4	3.52	3.9%
GOLD	GPS	0	0	-	0	-	0	0	-
Gold Kilo	GCK	13	185.85	-93.1%	16.18	-20.3%	17	247.85	-92.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	204	0	-	28.64	610.6%	43	17.03	151.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	224	627.55	-64.3%	282.05	-20.5%	489	850.58	-42.5%
LNDN ZINC	ZNC	0	1.75	-100.0%	1.59	-100.0%	1	1.28	-54.3%
METALS	LED	0	0	-	0	-	0	0.03	-100.0%
SILVER	SIL	272	603.85	-55.0%	268.91	1.0%	254	408.34	-37.8%
Metals Options									
COMEX COPPER	HX	299	289.55	3.4%	105.82	183.0%	197	133.2	48.0%
COMEX GOLD	OG	39,471	29,276.8	34.8%	35,468.36	11.3%	38,424	39,888.97	-3.7%
COMEX SILVER	SO	6,569	6,731.25	-2.4%	4,930.86	33.2%	5,597	5,521.32	1.4%
GOLD	OG1	150	23.15	546.2%	112.32	33.2%	132	49.1	169.6%
GOLD	OG2	149	95.25	56.2%	155.64	-4.4%	138	57.17	141.8%

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Metals Options									
GOLD	OG3	85	69.15	22.2%	183.18	-53.9%	173	45.53	280.0%
GOLD	OG4	128	46.7	174.9%	119.82	7.2%	77	30.82	151.4%
GOLD	OG5	0	31.3	-100.0%	144.68	-100.0%	40	16.8	137.7%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	15	61.5	-75.6%	8.18	83.3%	58	228.97	-74.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	129	258.1	-50.0%	19.55	560.0%	119	161.28	-26.5%
NYMEX PLATINUM	PO	162	132.85	21.9%	60.23	168.9%	124	190.93	-35.2%
PALLADIUM	PAO	337	269.6	24.8%	261.59	28.7%	220	148.19	48.6%
SILVER	SO1	1	0	-	2.05	-65.8%	4	0.08	4256.2%
SILVER	SO2	1	0	-	1.09	10.0%	1	0.01	18691.3%
SILVER	SO3	0	9.75	-100.0%	0.23	-100.0%	4	1.38	183.5%
SILVER	SO4	1	0.05	1600.0%	0.14	523.2%	1	0.07	1039.4%
SILVER	SO5	0	0	-	0.14	-100.0%	0	0.04	-50.0%
Energy Futures									
CRUDE OIL PHY	CL	1,380,905	942,072.55	46.6%	1,324,572.23	4.3%	1,206,106	1,069,039.06	12.8%
CRUDE OIL	WS	285	14	1937.1%	0	-	269	525.88	-48.9%
MINY WTI CRUDE OIL	QM	12,711	10,780.75	17.9%	13,998.68	-9.2%	12,519	14,109.02	-11.3%
BRENT OIL LAST DAY	BZ	71,750	81,706.2	-12.2%	98,390.36	-27.1%	95,031	98,064.99	-3.1%
HEATING OIL PHY	HO	180,054	152,625.7	18.0%	165,558.91	8.8%	167,966	156,044.47	7.6%
HTG OIL	BH	2	5.8	-69.0%	2.18	-17.5%	1	37.26	-96.9%
MINY HTG OIL	QH	0	1.05	-81.0%	0.05	339.6%	0	0.5	-75.0%
RBOB PHY	RB	203,288	171,349.55	18.6%	202,470.91	0.4%	201,019	180,260.28	11.5%
MINY RBOB GAS	QU	0	0.15	0.0%	0.18	-17.5%	0	0.19	14.8%
NATURAL GAS	HP	5,973	7,402.05	-19.3%	8,001.5	-25.3%	7,379	5,992.35	23.1%
LTD NAT GAS	HH	12,742	8,825.7	44.4%	16,332.27	-22.0%	14,303	11,093.42	28.9%
MINY NATURAL GAS	QG	828	1,238.1	-33.1%	943.77	-12.2%	1,273	1,200.77	6.0%
PJM MONTHLY	JM	0	2	-100.0%	0	-	1	19.99	-95.9%
NATURAL GAS PHY	NG	375,764	338,455.1	11.0%	417,955.73	-10.1%	418,229	360,073.95	16.2%
RBOB GAS	RT	259	76.3	239.6%	114.09	127.1%	110	61.39	79.2%
3.5% FUEL OIL CID MED SWA	7D	0	6.05	-95.9%	0	-	6	12.08	-49.9%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-	1	1.14	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	12	-100.0%	0	-	0	1.66	-100.0%

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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	79	-100.0%	0	-	0	39.59	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	79.4	-100.0%	0	-	0	37.36	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	12.4	-100.0%	0	-	0	24.41	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-	0	0.9	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	308	713.5	-56.9%	139.32	120.9%	295	673.48	-56.2%
ARGUS PROPAN FAR EST INDE	7E	177	83.55	111.9%	125.32	41.3%	90	75.81	19.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	42	35.95	16.4%	37.18	12.6%	45	47.64	-4.5%
AUSTRALIAN COKE COAL	ALW	0	6.55	-100.0%	0	-	7	19.81	-65.4%
BRENT BALMO SWAP	J9	10	2	375.0%	6.82	39.3%	3	5.59	-41.0%
BRENT CALENDAR SWAP	CY	198	145.95	35.6%	29.27	576.2%	117	116.67	0.0%
BRENT FINANCIAL FUTURES	BB	42	13	221.2%	732.73	-94.3%	283	14.39	1865.1%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	9.82	-100.0%
BRENT FINANCIAL FUTURES	MDB	4	5.25	-23.8%	5.45	-26.7%	1	2.85	-51.6%
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	-	55	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	1	4.5	-83.3%	7.5	-90.0%	48	90.93	-46.9%
CENTERPOINT BASIS SWAP	PW	0	45.3	-100.0%	0	-	4	68.62	-94.6%
CENTERPOINT EAST INDEX	II	0	37	-100.0%	0	-	0	5.1	-100.0%
CHICAGO ETHANOL SWAP	CU	3,630	4,887.75	-25.7%	4,003.64	-9.3%	5,485	4,652.56	17.9%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	5	23	-78.5%	2.27	117.8%	7	12.67	-46.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	11.03	-100.0%
CIG BASIS	CI	27	269.3	-90.0%	0	-	5	371.19	-98.7%
CIG ROCKIES NG INDEX SWA	Z8	0	6.2	-100.0%	0	-	5	7.27	-31.7%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0.41	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	4,000	5,632	-29.0%	0	-	1,812	1,900.41	-4.7%
CIN HUB 5MW D AH PK	H5	43	78.3	-45.4%	86.91	-50.8%	94	126.99	-25.8%
CIN HUB 5MW REAL TIME O P	H4	5,212	8,418	-38.1%	169.09	2982.4%	2,628	6,666.1	-60.6%
CIN HUB 5MW REAL TIME PK	H3	110	217.5	-49.3%	77.27	42.7%	172	416.94	-58.7%
COAL SWAP	ACM	1	3	-58.3%	4.32	-71.1%	8	11.93	-31.8%
COAL SWAP	SSI	0	1	-100.0%	0	-	0	1.08	-100.0%

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Energy Futures									
COLUMB GULF MAINLINE NG B	5Z	50	39.5	26.5%	0	-	7	103.23	-93.3%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	0	15.23	-100.0%
COLUMBIA GULF ONSHORE	GL	67	0	-	0	-	9	21.43	-57.1%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	12	4.65	160.2%	20.91	-42.1%	12	8.81	40.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	17	1.5	1030.0%	7.73	119.4%	36	3.06	1085.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	543	302.4	79.6%	381.23	42.5%	423	279.41	51.3%
CRUDE OIL	CHB	0	0	-	0	-	0	0.41	-100.0%
CRUDE OIL	LPS	294	235	24.9%	110.64	165.3%	189	248.7	-24.0%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	4	9	-52.2%	5	-14.0%	26	4.3	516.5%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	12.27	-100.0%	4	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	21	0	-	20.45	2.7%	13	0	-
CRUDE OIL OUTRIGHTS	DBL	5	0	-	6.82	-26.7%	7	3.1	133.3%
CRUDE OIL OUTRIGHTS	FE	12	0	-	0	-	2	0	-
CRUDE OIL OUTRIGHTS	GSW	0	1.5	-100.0%	0	-	1	0.21	266.7%
CRUDE OIL OUTRIGHTS	HTT	287	262.5	9.3%	597.86	-52.0%	436	64.22	578.4%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	9.55	-100.0%	2	0	-
CRUDE OIL OUTRIGHTS	SSW	18	0	-	5.45	230.0%	5	0	-
CRUDE OIL OUTRIGHTS	WCC	31	59	-47.9%	19.32	59.2%	171	231.3	-26.2%
CRUDE OIL OUTRIGHTS	WCW	535	0	-	412.73	29.6%	205	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	2.24	-100.0%
CRUDE OIL SPRDS	WTT	65	321.75	-79.8%	266.82	-75.6%	235	107.88	118.3%
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	18.76	-100.0%
DAILY PJM	ZAO	0	0	-	0	-	0	0	-

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Energy Futures									
DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	63.64	-100.0%	10	0	-
DATED TO FRONTLINE BRENT	FY	129	77.5	66.5%	71.59	80.2%	66	77.66	-14.7%
DEMARC INDEX FUTURE	DI	0	0	-	0	-	0	5.52	-100.0%
DEMARC SWING SWAP	DT	0	0	-	0	-	0	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.07	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0	-
DLY GAS EURO-BOB OXY	GBR	0	3	-100.0%	0	-	0	0.41	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	0	117.98	-100.0%
DOMINION TRANSMISSION INC	PG	304	441.2	-31.1%	30.45	898.4%	335	914.71	-63.4%
DUBAI CRUDE OIL BALMO	BI	0	13.75	-100.0%	0	-	0	1.9	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	273	143.75	89.9%	429.55	-36.4%	461	65.38	604.6%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	10	0	-
EASTERN RAIL DELIVERY CSX	QX	0	65.5	-100.0%	18.68	-100.0%	29	61.22	-52.5%
EAST/WEST FUEL OIL SPREAD	EW	1	3.75	-86.7%	2.73	-81.7%	9	1.28	574.7%
EIA FLAT TAX ONHWAY DIESE	A5	34	59.6	-43.5%	38.82	-13.2%	42	55.81	-24.4%
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	8.76	-100.0%
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	173.86	-100.0%	26	0	-
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	3,190.91	-100.0%	484	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	ERE	35	0	-	0	-	5	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	161.93	-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	-	11	0	-
EL PASO PERMIAN INDEX SWA	IL	0	31	-100.0%	0	-	0	11.12	-100.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	0	-	57.27	-100.0%	12	0	-

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ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	0	-	0	-	102	29.52	243.9%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	57.27	-100.0%	17	1.62	968.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	169	70.05	140.7%	300.5	-43.9%	190	103.26	83.8%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	1.45	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	7	9.1	-22.5%	15.27	-53.8%	23	14.63	59.9%
EURO 3.5% FUEL OIL SPREAD	FK	34	16.5	106.1%	45.77	-25.7%	27	27.35	-0.1%
EURO-DENOMINATED PETRO PROD	NCP	0	4.4	-100.0%	0	-	9	1.09	748.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.02	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	3.75	-100.0%	3.64	-100.0%	2	3.1	-38.2%
EUROPE 1% FUEL OIL NWE CA	UF	0	28.25	-100.0%	0.45	-100.0%	5	9.26	-50.6%
EUROPE 1% FUEL OIL RDAM C	UH	1	0.5	0.0%	0	-	0	0.86	-71.0%
EUROPE 3.5% FUEL OIL MED	UI	0	12.35	-98.0%	0	-	8	17.37	-53.8%
EUROPE 3.5% FUEL OIL RDAM	UV	169	288.1	-41.4%	321.82	-47.5%	397	317.25	25.0%
EUROPEAN GASOIL (ICE)	7F	170	575.45	-70.4%	223.91	-24.1%	163	10,560.07	-98.5%
EUROPEAN NAPHTHA BALMO	KZ	13	6.65	95.5%	29.27	-55.6%	19	7.11	165.7%
EUROPEAN NAPHTHA CRACK SPR	EN	351	231.35	51.6%	253.68	38.2%	351	219.48	59.7%
EUROPE DATED BRENT SWAP	UB	70	155	-54.8%	0	-	13	179.02	-93.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.26	57.9%
EUROPE NAPHTHA CALSWAP	UN	169	100.2	68.7%	131.59	28.4%	138	64.61	113.0%
EURO PROPANE CIF ARA SWA	PS	41	61.95	-34.6%	58.05	-30.2%	55	57.97	-5.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	0	57.31	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	39.45	-100.0%	0	-	0	14.46	-100.0%
FREIGHT MARKETS	FLP	9	1.2	650.0%	14.32	-37.1%	6	10.12	-40.0%
FUEL OIL CRACK VS ICE	FO	76	260.85	-70.7%	410.91	-81.4%	218	198.36	9.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.22	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	46.5	-100.0%	0	-	0	7.52	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.37	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	15	9.35	57.8%	27.91	-47.1%	16	18.82	-12.6%
GAS EURO-BOB OXY NWE BARGES	7H	272	239.2	13.8%	291	-6.4%	346	346.72	-0.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	708	590.15	20.0%	742.45	-4.6%	913	689.08	32.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.04	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0.52	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	2	-100.0%	0	-	0	0.83	-58.3%
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	0.03	299.7%

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Energy Futures									
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.03	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0.25	-100.0%	1.36	-100.0%	1	0.41	150.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	1.36	-100.0%	1	0	-
GASOIL 10P CRG CIF NW VS	3V	1	0	-	0	-	0	0.07	149.9%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.02	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	4	3	20.0%	0	-	4	3.37	9.0%
GASOIL BULLET SWAP	BG	0	0	-	1.36	-100.0%	0	0	-
GASOIL CALENDAR SWAP	GX	0	2.3	-100.0%	0	-	2	2	-16.9%
GASOIL CRACK SPREAD CALEN	GZ	265	398.55	-33.4%	568.64	-53.3%	385	252.63	52.6%
GASOIL MINI CALENDAR SWAP	QA	1	7.05	-83.7%	3.32	-65.3%	7	12.68	-45.4%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	0	5.59	-100.0%
GROUP THREE ULSD (PLATTS)	A7	6	0	-	0	-	1	0	-
GRP THREE ULSD(PLT)VS HEA	A6	273	189	44.5%	110.36	147.4%	146	119.61	22.3%
GRP THREE UNL GS (PLT) VS	A8	21	82.5	-74.2%	3.41	523.3%	25	65.62	-61.6%
GULF COAST 3% FUEL OIL BA	VZ	46	13.1	249.2%	102.41	-55.3%	63	37.03	69.7%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	8.97	-100.0%
GULF COAST JET FUEL CLNDR	GE	18	9.6	84.9%	0	-	6	7.81	-20.5%
GULF COAST JET VS NYM 2 H	ME	1,736	1,463.3	18.6%	1,891.95	-8.2%	2,088	1,568.79	33.1%
GULF COAST NO.6 FUEL OIL	MF	2,019	2,973.6	-32.1%	1,886.82	7.0%	2,587	2,784.34	-7.1%
GULF COAST NO.6 FUEL OIL	MG	25	15	65.0%	89.14	-72.2%	68	37.48	82.5%
GULF COAST ULSD CALENDAR	LY	27	61.6	-56.8%	38.09	-30.2%	28	42.77	-35.5%
GULF COAST ULSD CRACK SPR	GY	85	3.75	2166.7%	28.64	196.8%	27	41.42	-35.6%
HEATING OIL BALMO CLNDR S	1G	5	1.25	300.0%	6.82	-26.7%	6	2.21	159.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.14	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	136	826.9	-83.6%	93	46.2%	352	1,071.84	-67.2%
HENRY HUB FINANCIAL LAST	NBP	3	0	-	0	-	0	0	-
HENRY HUB FINANCIAL LAST	TTE	5	0	-	0	-	1	0	-
HENRY HUB INDEX SWAP FUTU	IN	105	779.7	-86.5%	93	13.3%	337	1,013.48	-66.8%
HENRY HUB SWAP	NN	12,306	12,871.4	-4.4%	5,781.5	112.8%	8,276	21,192.1	-60.9%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	2	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	86	93	-7.9%	0	-	26	170.12	-84.7%
HOUSTON SHIP CHANNEL INDE	IP	0	9.3	-100.0%	0	-	0	1.28	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	36	0	-	0	-	5	0	-
ICE BRENT DUBAI SWAP	DB	20	0	-	178.18	-88.8%	479	0.07	694182.9%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0	-

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Energy Futures									
IN DELIVERY MONTH EUA	6T	0	17.5	-100.0%	0	-	20	180.7	-89.1%
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	0.77	-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	0.75	-100.0%	0	-	0	1.17	-97.1%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.14	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	4	25.65	-86.0%	66.95	-94.6%	27	19.08	40.5%
JAPAN C&F NAPHTHA SWAP	JA	45	52.75	-15.3%	86.64	-48.4%	79	56.73	39.9%
JAPAN NAPHTHA BALMO SWAP	E6	5	0.25	1700.0%	2.86	57.1%	9	2.03	345.4%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	1.6	-100.0%	0.55	-100.0%	0	0.77	-89.3%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.15	-100.0%
JET CIF NWE VS ICE	JC	6	4.1	57.3%	7.86	-18.0%	6	4.81	18.1%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.01	150.0%
JET FUEL CRG CIF NEW VS I	6X	2	0	-	0	-	0	0.21	106.7%
JET FUEL UP-DOWN BALMO CL	1M	253	68.25	270.4%	346.77	-27.1%	353	148.88	137.0%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	KL	8	9.5	-21.1%	1.14	560.0%	8	35.05	-76.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	16.25	-100.0%	19.32	-100.0%	11	38.45	-72.2%
LA JET FUEL VS NYM NO 2 H	MQ	0	0.75	-100.0%	0	-	0	5.34	-96.8%
LA JET (OPIS) SWAP	JS	52	81.25	-36.3%	107.95	-52.1%	84	89.46	-6.6%
LLS (ARGUS) VS WTI SWAP	WJ	122	290.4	-58.0%	21.14	476.7%	172	330.78	-47.9%
MARS (ARGUS) VS WTI SWAP	YX	292	40.25	624.2%	13.64	2037.7%	151	228.47	-34.0%
MARS (ARGUS) VS WTI TRD M	YV	627	552.25	13.6%	628.41	-0.2%	925	460.03	101.1%
MARS BLEND CRUDE OIL	MB	0	172.5	-100.0%	27.86	-100.0%	77	103.2	-25.0%
MCCLOSKEY ARA ARGS COAL	MTF	1,817	5,932.4	-69.4%	1,988.09	-8.6%	2,437	9,008.97	-73.0%
MCCLOSKEY RCH BAY COAL	MFF	158	309.35	-49.1%	225.91	-30.3%	275	937.53	-70.7%
MGF FUT	MGF	0	0	-	0	-	1	0.69	97.0%
MGN1 SWAP FUT	MGN	9	3.75	140.0%	6	50.0%	6	6.64	-3.0%
MICHCON NG INDEX SWAP	Y8	0	92	-100.0%	0	-	0	12.69	-100.0%
MICHIGAN BASIS	NF	0	92.25	-100.0%	0	-	18	105.58	-83.1%
MICHIGAN MISO	HMO	0	0	-	0	-	407	880.28	-53.7%

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Energy Futures									
MICHIGAN MISO	HMW	0	0	-	0	-	22	49.93	-55.9%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	31	17.55	77.8%	40.95	-23.8%	26	17.79	47.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	20	10	101.0%	19.09	5.3%	20	6.18	228.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	169	50.7	232.5%	111.09	51.8%	125	53.43	134.3%
MJC FUT	MJC	2	8.6	-79.7%	18.18	-90.4%	5	4.28	13.5%
MNC FUT	MNC	193	296.7	-35.0%	215.91	-10.7%	215	194.92	10.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	615	1,679.95	-63.4%	572.73	7.3%	1,201	1,882.06	-36.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	5.5	-100.0%	4.55	-100.0%	16	4.48	249.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	3,609	7,079.4	-49.0%	3,118.95	15.7%	4,244	5,293.31	-19.8%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	75	43.75	70.9%	49.95	49.6%	88	40.8	116.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	170	364.55	-53.3%	171.09	-0.4%	207	418.23	-50.6%
MONT BELVIEU NATURAL GASOLINE BALM	R0	7	4.1	76.8%	9.86	-26.5%	12	9.72	26.5%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,178	1,303.2	-9.6%	1,101	7.0%	1,349	1,121.46	20.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	15	32.8	-55.2%	18.05	-18.5%	36	34.31	6.2%
NAT GAS BASIS SWAP	TZ6	0	39.65	-100.0%	0	-	12	158.59	-92.4%
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	18	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	85.6	-100.0%	0	-	5	46.22	-90.2%
NATURAL GAS PEN SWP	NP	3,154	6,175.55	-48.9%	3,984.27	-20.8%	4,366	5,410.2	-19.3%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	82.24	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	4.38	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	1,872	-100.0%	0	-	1,525	1,135.43	34.3%
NEPOOL INTR HUB 5MW D AH	U6	35	102	-66.2%	72.73	-52.6%	108	108.33	-0.2%
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	4.41	-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	-

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Energy Futures									
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	27.59	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	11.62	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	45	37.5	20.0%	23.86	88.6%	32	77.93	-59.2%
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	60	169.65	-64.6%	0	-	16	174.96	-90.8%
NGPL MIDCONTINENT INDEX	IW	0	31	-100.0%	0	-	0	49.84	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-	0	4.28	-100.0%
NGPL TEX/OK	PD	154	55	180.7%	54.91	181.2%	40	156.03	-74.1%
NGPL TEXOK INDEX	OI	0	0	-	0	-	0	0.41	-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	9.35	-100.0%	4.55	-100.0%	25	17.67	39.0%
NORTHERN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	11	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	61.75	-100.0%	0	-	1	48.46	-98.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	87	340.3	-74.5%	16.73	419.5%	21	881.39	-97.6%
N ROCKIES PIPE SWAP	XR	17	0	-	0	-	2	0	-
NY1% VS GC SPREAD SWAP	VR	138	140.7	-2.1%	118.73	16.0%	118	110.32	7.2%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	2.82	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	1	3.75	-66.7%	4.55	-72.5%	21	8.1	164.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0.21	-16.7%
NY HARBOR HEAT OIL SWP	MP	223	97.35	128.9%	98	127.3%	130	127.23	1.8%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	14.75	-100.0%	50	-100.0%	28	31.39	-11.1%
NY HARBOR RESIDUAL FUEL 1	MM	67	91.7	-26.9%	31.05	116.0%	123	168.81	-26.9%
NYH NO 2 CRACK SPREAD CAL	HK	84	37.1	125.1%	47.05	77.5%	76	80.59	-5.2%
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	3	2.1	42.9%	0	-	2	0.79	134.2%
NYISO CAPACITY	NNC	2	4.5	-51.1%	1.82	21.0%	10	8.88	17.6%
NYISO CAPACITY	NRS	9	3.6	150.0%	9.27	-2.9%	10	12.97	-23.2%
NYISO G	KG	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-

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Energy Futures									
NYISO J	KJ	0	0	-	0	-	0	1.19	-100.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0.55	-100.0%
NYISO ZONE A 5MW D AH O P	K4	1,170	0	-	0	-	226	1,596.14	-85.8%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-	47	4.41	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	374.41	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	1	10.43	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	3,978	-100.0%	14,890.91	-100.0%	4,472	2,511.45	78.1%
NYISO ZONE G 5MW D AH PK	T3	162	153	5.9%	414.77	-60.9%	331	173.03	91.1%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	2,127.27	-100.0%	1,563	710.01	120.1%
NYISO ZONE J 5MW D AH PK	D3	128	0	-	125	2.0%	154	53.57	187.0%
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	1	11.8	-87.7%	14.86	-90.2%	53	20.3	162.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	6.52	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	1.1	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	25.86	-100.0%
ONTARIO POWER SWAPS	OPD	3	1.5	100.0%	10.45	-71.3%	3	1.69	98.0%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	4	3.03	47.7%
PANHANDLE BASIS SWAP FUTU	PH	151	412.15	-63.5%	0	-	21	411.06	-94.9%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	0	17.1	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	6	0	-
PERMIAN BASIS SWAP	PM	40	186	-78.6%	0	-	7	180.84	-96.2%
PETROCHEMICALS	22	3	0.75	233.3%	1.91	31.0%	3	2.54	35.5%
PETROCHEMICALS	32	3	2.25	48.9%	5.23	-35.9%	5	2.63	104.2%
PETROCHEMICALS	8I	20	5.45	272.5%	31.05	-34.6%	29	8.04	266.6%
PETROCHEMICALS	91	10	9.05	12.2%	9.55	6.3%	10	8.41	22.1%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.33	-100.0%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0.76	-54.5%
PETROCHEMICALS	MAE	2	4.5	-55.6%	0.45	340.0%	0	2.45	-80.3%
PETROCHEMICALS	MAS	2	3.25	-53.8%	0.45	230.0%	1	6.28	-79.7%
PETROCHEMICALS	MBE	95	205.75	-53.8%	71.82	32.3%	60	134.03	-55.1%
PETROCHEMICALS	MNB	114	96.2	18.5%	100.91	12.9%	76	92.59	-18.3%
PETROCHEMICALS	MPS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	1.68	-100.0%	1	7.24	-86.5%

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Energy Futures								
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-	2	0.44	312.5%
PETRO CRCKS & SPRDS ASIA	21	0	-	33.64	-37.6%	9	0	-
PETRO CRCKS & SPRDS NA	13	21	-38.1%	0.68	1806.7%	7	6.3	15.6%
PETRO CRCKS & SPRDS NA	97	48.15	101.1%	86.5	12.0%	125	66.97	87.2%
PETRO CRCKS & SPRDS NA	0	91.25	-100.0%	73.32	-100.0%	39	42.07	-6.5%
PETRO CRCKS & SPRDS NA	49	1.5	3183.3%	58.18	-15.4%	39	8	388.8%
PETRO CRCKS & SPRDS NA	0	5	-100.0%	0	-	6	9.83	-43.9%
PETRO CRCKS & SPRDS NA	38	119.85	-68.6%	35.18	6.9%	62	45.06	37.5%
PETRO CRCKS & SPRDS NA	0	1.05	-100.0%	1.91	-100.0%	0	0.39	-25.0%
PETRO CRCKS & SPRDS NA	146	312.15	-53.2%	294.86	-50.5%	306	360.94	-15.3%
PETRO CRCKS & SPRDS NA	0	5.2	-100.0%	0	-	4	0.72	414.5%
PETRO CRCKS & SPRDS NA	389	206.75	87.9%	212.59	82.7%	171	204.01	-16.3%
PETRO CRCKS & SPRDS NA	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-	0	0.21	-100.0%
PETRO CRCKS & SPRDS NA	0	0	-	1.05	-100.0%	1	3.59	-79.0%
PETRO CRCKS & SPRDS NA	15	0	-	10.23	46.7%	8	1.21	542.9%
PETRO CRCKS & SPRDS NA	0	0	-	0	-	0	2.07	-100.0%
PETRO CRCKS & SPRDS NA	343	459.05	-25.3%	317.86	7.9%	422	454.93	-7.3%
PETRO CRCKS & SPRDS NA	782	403	94.1%	687.5	13.8%	753	347.38	116.7%
PETRO CRCKS & SPRDS NA	0	0	-	0.41	-100.0%	0	0.23	-55.9%
PETRO CRK&SPRD EURO	65	63.6	2.0%	64.18	1.0%	64	82.19	-21.6%
PETRO CRK&SPRD EURO	43	2.25	397.8%	11.73	-4.5%	12	6.73	78.6%
PETRO CRK&SPRD EURO	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	56	59.4	-6.3%	101.91	-45.4%	104	96.8	7.4%
PETRO CRK&SPRD EURO	1	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1	0	-	0.5	10.0%	1	0.63	-1.1%
PETRO CRK&SPRD EURO	17	6.1	185.2%	18.27	-4.8%	19	10.76	76.5%
PETRO CRK&SPRD EURO	68	51.5	32.8%	98.82	-30.8%	129	68.82	88.1%
PETRO CRK&SPRD EURO	0	5	-100.0%	0	-	0	3.17	-100.0%
PETRO CRK&SPRD EURO	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	0	0	-	2.91	-100.0%	5	5.24	-2.8%
PETRO CRK&SPRD EURO	1	0	-	1.36	-8.3%	1	0.48	30.4%
PETRO CRK&SPRD EURO	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	0	5.8	-100.0%	1.5	-100.0%	5	5.13	-3.4%
PETRO CRK&SPRD EURO	0	1.15	-78.3%	0.91	-72.5%	1	0.85	-7.3%
PETRO CRK&SPRD EURO	40	41.35	-2.8%	38.73	3.8%	49	19.44	152.9%

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Energy Futures									
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	1	0.72	47.6%
PETROLEUM PRODUCTS	D46	0	0	-	0	-	0	0.21	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	47	76.2	-38.7%	55.09	-15.2%	122	14.3	751.4%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-	1	3.66	-84.9%
PETROLEUM PRODUCTS	MGS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0.21	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	1	9.4	-92.7%
PETROLEUM PRODUCTS	VU	12	39	-70.1%	27.82	-58.1%	11	13.51	-16.1%
PETROLEUM PRODUCTS ASIA	E6M	2	0	-	1.18	26.9%	1	2.94	-64.4%
PETROLEUM PRODUCTS ASIA	MJN	126	89	41.8%	117.09	7.8%	101	62.86	61.3%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0B	1	21	-95.2%	0.91	10.0%	1	8.62	-93.4%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0.73	-100.0%
PETRO OUTRIGHT EURO	0D	118	113.55	3.8%	106.23	10.9%	122	204.32	-40.4%
PETRO OUTRIGHT EURO	0E	20	36.4	-45.7%	19.73	0.1%	26	40.54	-34.9%
PETRO OUTRIGHT EURO	0F	47	62.55	-24.1%	35.09	35.2%	61	55.19	10.7%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.14	200.1%
PETRO OUTRIGHT EURO	33	0	0.75	-100.0%	0	-	1	1.51	-63.5%
PETRO OUTRIGHT EURO	5L	0	29.85	-100.0%	3.64	-100.0%	3	10.19	-66.8%
PETRO OUTRIGHT EURO	63	2	6.5	-73.1%	0	-	3	6.05	-43.3%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	12	25.3	-51.6%	4.55	169.5%	6	8.78	-31.3%
PETRO OUTRIGHT EURO	7R	16	20.05	-22.4%	21.82	-28.7%	13	13.17	-3.1%
PETRO OUTRIGHT EURO	88	0	0	-	0	-	0	0.38	-90.9%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT EURO	CPB	2	0.75	193.3%	8.73	-74.8%	14	2.1	570.7%
PETRO OUTRIGHT EURO	EFF	0	0	-	0.45	-100.0%	2	2.49	-22.4%
PETRO OUTRIGHT EURO	EFM	5	26.25	-80.6%	1.36	274.0%	3	4.24	-30.4%
PETRO OUTRIGHT EURO	ENS	2	20.25	-90.1%	1.36	46.7%	1	6.88	-87.0%
PETRO OUTRIGHT EURO	ESB	3	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	30	15	101.3%	39.14	-22.8%	35	8.55	310.6%
PETRO OUTRIGHT EURO	FBD	0	1	-100.0%	0	-	0	0.14	0.0%
PETRO OUTRIGHT EURO	MBB	5	0	-	10.45	-52.2%	3	0.58	471.4%

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Energy Futures									
PETRO OUTFRIGHT EURO	MBN	87	73.25	18.1%	85.18	1.5%	50	65.7	-23.6%
PETRO OUTFRIGHT EURO	SMU	0	0	-	0	-	0	0.28	0.0%
PETRO OUTFRIGHT EURO	T0	3	0	-	0	-	1	2.54	-55.4%
PETRO OUTFRIGHT EURO	ULB	0	20	-100.0%	0	-	3	3.38	-23.5%
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	1	0	-
PETRO OUTFRIGHT EURO	W0	0	0	-	0	-	0	0.34	-100.0%
PETRO OUTFRIGHT EURO	X0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	FCB	25	0.95	2510.5%	4.36	468.3%	9	6.66	39.8%
PETRO OUTFRIGHT NA	FOM	0	0	-	0.45	-100.0%	0	0.02	1565.7%
PETRO OUTFRIGHT NA	GBA	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTFRIGHT NA	GUD	0	0	-	0	-	0	0.09	-100.0%
PETRO OUTFRIGHT NA	JE	0	0	-	12.27	-100.0%	3	3.03	-4.3%
PETRO OUTFRIGHT NA	JET	122	185	-34.1%	138.73	-12.1%	180	100.62	78.5%
PETRO OUTFRIGHT NA	JTB	33	0	-	0	-	7	0	-
PETRO OUTFRIGHT NA	MBL	0	0	-	1.18	-100.0%	1	1.16	-4.2%
PETRO OUTFRIGHT NA	MEN	15	43.05	-64.6%	16.86	-9.6%	30	33.59	-10.3%
PETRO OUTFRIGHT NA	MEO	368	525	-30.0%	322.73	13.9%	492	485.37	1.4%
PETRO OUTFRIGHT NA	MFD	1	15.65	-95.8%	7.5	-91.3%	1	5.47	-74.4%
PETRO OUTFRIGHT NA	MMF	0	1.5	-100.0%	0.45	-100.0%	3	7.33	-59.9%
PETRO OUTFRIGHT NA	NYT	0	0	-	0	-	4	0.69	525.0%
PETRO OUTFRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	467	3,273.6	-85.7%	0	-	1,886	6,996.63	-73.0%
PJM AD HUB 5MW REAL TIME	Z9	26	452.8	-94.4%	0	-	134	557.58	-76.0%
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	-	323	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	18	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	161.38	-100.0%
PJM BGE DA PEAK	E3	0	0	-	0	-	0	8.79	-100.0%
PJM COMED 5MW D AH O PK	D9	0	1,174	-100.0%	0	-	589	1,452.97	-59.5%
PJM COMED 5MW D AH PK	D8	0	63.5	-100.0%	0	-	32	79.1	-59.2%
PJM DAILY	JD	0	0	-	0	-	0	8.97	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	1,462	146.93	895.0%
PJM DAYTON DA PEAK	D7	0	317.5	-100.0%	0	-	36	101.76	-64.4%

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Energy Futures									
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	95	0	-	114.77	-17.0%	537	289.43	85.5%
PJM NI HUB 5MW REAL TIME	B6	1,638	2,470.75	-33.7%	1,785.91	-8.3%	11,479	6,823.26	68.2%
PJM NILL DA OFF-PEAK	L3	1,170	1,430.85	-18.2%	0	-	4,727	3,634.86	30.0%
PJM NILL DA PEAK	N3	64	68.75	-7.3%	0	-	269	173.91	54.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0.97	-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	1,129.66	-100.0%
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	35.17	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	18,784	-100.0%	0	-	52	5,689.72	-99.1%
PJM WESTHDA PEAK	J4	0	1,016	-100.0%	215	-100.0%	42	293.78	-85.8%
PJM WESTH RT OFF-PEAK	N9	2,842	48,115.55	-94.1%	15,054.09	-81.1%	12,733	37,438.59	-66.0%
PJM WESTH RT PEAK	L1	797	2,990.4	-73.3%	1,637.05	-51.3%	1,230	3,098.81	-60.3%
PLASTICS	PGP	22	1	2085.0%	35.68	-38.8%	26	14.7	79.0%
PREMIUM UNLD 10P FOB MED	3G	2	14.7	-89.1%	2.27	-29.6%	3	14.86	-81.1%
PREMIUM UNLEAD 10PPM FOB	8G	2	0.85	88.2%	0.91	76.0%	1	1.92	-45.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.01	250.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	2.75	-100.0%	0	-	0	1.68	-84.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	5	11.25	-55.6%	14.14	-64.6%	27	17.26	56.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	118	582.4	-79.7%	286.5	-58.8%	344	488.74	-29.7%
RBOB CALENDAR SWAP	RL	366	378.6	-3.3%	284	29.0%	336	288.43	16.5%
RBOB CRACK SPREAD	RM	24	2.5	870.0%	0	-	18	71	-75.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0.17	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	39	47.15	-16.8%	28.14	39.5%	38	31.47	21.0%
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	63.47	-100.0%
RBOB VS HEATING OIL SWAP	RH	119	114	4.4%	75.68	57.2%	102	77.43	32.3%
ROCKIES KERN OPAL - NW IN	IR	0	15.5	-100.0%	0	-	0	7.21	-100.0%
SAN JUAN BASIS SWAP	NJ	102	236.1	-56.8%	0	-	16	312.42	-95.0%
SINGAPORE 180CST BALMO	BS	3	0.75	233.3%	2.73	-8.3%	3	2.63	10.5%

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Energy Futures									
SINGAPORE 380CST BALMO	BT	7	6.75	8.1%	6.18	18.1%	10	6.95	37.9%
SINGAPORE 380CST FUEL OIL	SE	316	465.4	-32.1%	448.14	-29.5%	524	313.81	66.9%
SINGAPORE FUEL 180CST CAL	UA	48	53.95	-10.8%	37.95	26.9%	55	59.55	-7.9%
SINGAPORE FUEL OIL SPREAD	SD	38	28.8	32.5%	17.91	113.0%	39	26.54	45.7%
SINGAPORE GASOIL	MTB	14	8.3	62.7%	1.36	890.0%	7	11.59	-36.2%
SINGAPORE GASOIL	MTS	215	172.2	24.7%	161.55	32.9%	228	166.74	36.6%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.69	-100.0%
SINGAPORE GASOIL	STZ	0	0	-	4.55	-100.0%	6	1.24	344.4%
SINGAPORE GASOIL CALENDAR	MSG	8	0	-	10.41	-21.7%	15	2.39	508.4%
SINGAPORE GASOIL SWAP	SG	483	328.1	47.3%	367.5	31.6%	494	202.43	143.9%
SINGAPORE GASOIL VS ICE	GA	173	125.4	37.8%	485.68	-64.4%	423	89.71	371.8%
SINGAPORE JET KERO BALMO	BX	5	0	-	1.09	358.3%	4	0.39	857.2%
SINGAPORE JET KERO GASOIL	RK	78	87.25	-10.3%	89.77	-12.8%	104	34.83	198.9%
SINGAPORE JET KEROSENE SW	KS	165	56.5	191.6%	2.95	5476.2%	71	25.66	175.4%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	3	0	-	0	-	9	19.43	-56.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	319	290.25	9.9%	544.59	-41.4%	385	320.15	20.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.14	-100.0%
SING FUEL	MSD	0	0.25	-100.0%	0	-	0	0.07	299.9%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	38.62	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	2.54	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	3.6	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	55.2	-100.0%	0	-	0	9.43	-100.0%
Sumas Basis Swap	NK	28	39.35	-30.1%	45.59	-39.7%	43	95	-54.7%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	15	0	-	0	-	2	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.1	-100.0%
TCO BASIS SWAP	TC	41	67.25	-38.7%	0	-	57	120.1	-52.8%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	0	8.86	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	16.55	-100.0%	0	-	3	4.99	-40.9%
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	5.49	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	30.2	-100.0%	0	-	0	17.93	-100.0%
TETCO M-3 INDEX	IX	0	13.95	-100.0%	0	-	0	51.47	-100.0%
Tetco STX Basis	TX	0	36.5	-100.0%	0	-	0	11.11	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	23	426.55	-94.7%	0	-	55	384.66	-85.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-

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Energy Futures									
Transco Zone 3 Basis	CZ	0	0	-	0	-	2	4.21	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	43	0	-
TRANSCO ZONE4 BASIS SWAP	TR	276	78.35	252.3%	54.91	402.6%	87	111.79	-22.1%
TRANSCO ZONE 4 NAT GAS IN	B2	0	37.2	-100.0%	0	-	3	10.05	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	60.95	-100.0%	0	-	20	44.06	-55.1%
TRANSCO ZONE 6 INDEX	IT	0	30.2	-100.0%	0	-	6	41.48	-85.8%
UCM FUT	UCM FUT	2	0.5	370.0%	1.27	84.6%	2	1.59	6.1%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-	0	0.26	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0.31	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	2.3	-100.0%	2.05	-100.0%	0	1.06	-57.1%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.24	-100.0%
ULSD UP-DOWN BALMO SWP	1L	129	493.1	-73.9%	85.91	49.9%	172	223.52	-23.0%
UP DOWN GC ULSD VS NMX HO	LT	2,031	3,430.2	-40.8%	2,300.32	-11.7%	2,102	2,582.8	-18.6%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	1.21	-100.0%
WAHA BASIS	NW	61	344.55	-82.3%	43.18	41.3%	21	246	-91.4%
WAHA INDEX SWAP FUTURE	IY	0	31	-100.0%	0	-	0	54.76	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	17.75	-100.0%	2.73	-100.0%	15	50.81	-69.9%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	3	0	-
WTI-BRENT CALENDAR SWAP	BK	907	856	6.0%	463.59	95.6%	444	594.39	-25.3%
WTI CALENDAR	CS	1,549	1,047.1	47.9%	1,058.5	46.3%	1,629	1,463.83	11.3%
WTS (ARGUS) VS WTI SWAP	FF	174	22.5	673.3%	216.14	-19.5%	175	50.91	243.7%
WTS (ARGUS) VS WTI TRD MT	FH	51	50.5	1.4%	23.18	120.9%	27	53.28	-49.0%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	10.45	-100.0%	2	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	94	0	-	47.73	96.4%	37	73.3	-50.2%
BRENT OIL LAST DAY	BE	417	257.5	62.0%	46.36	800.0%	168	208.38	-19.6%
BRENT OIL LAST DAY	BZO	1,865	1,330.1	40.2%	1,158.77	61.0%	1,236	662.97	86.5%
BRENT OIL LAST DAY	OS	0	35.2	-100.0%	49.82	-100.0%	22	77.39	-72.0%
COAL API2 INDEX	CLA	48	183.5	-74.0%	53.86	-11.4%	55	309.19	-82.1%
COAL API2 INDEX	CQA	0	35	-100.0%	0	-	4	695.75	-99.4%
COAL API2 INDEX	MTC	0	0	-	0	-	0	1.03	-66.7%

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Energy Options									
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.34	-100.0%
COAL API4 INDEX	RQA	0	0	-	0	-	0	9.17	-100.0%
COAL SWAP	CPF	0	0	-	0	-	1	2.66	-63.6%
COAL SWAP	RPF	0	0	-	0	-	1	0.59	-1.2%
CRUDE OIL 1MO	WA	9,114	16,501.05	-44.8%	8,677.32	5.0%	8,537	11,894.19	-28.2%
CRUDE OIL APO	AO	2,826	999.65	182.7%	1,670.82	69.1%	1,776	1,195.14	48.6%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	7.93	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	CD	120	65	85.0%	125	-3.8%	101	174.66	-42.1%
CRUDE OIL PHY	LC	529	1,189.9	-55.6%	788.77	-33.0%	1,417	1,865.37	-24.0%
CRUDE OIL PHY	LO	171,145	170,729.55	0.2%	184,806.68	-7.4%	190,675	178,419.3	6.9%
CRUDE OIL PHY	LO1	861	199.55	331.3%	516.59	66.6%	614	242.16	153.5%
CRUDE OIL PHY	LO2	675	148.35	355.1%	720.55	-6.3%	550	202.34	171.7%
CRUDE OIL PHY	LO3	567	0	-	312.95	81.1%	413	98.28	320.6%
CRUDE OIL PHY	LO4	1,109	150.5	636.5%	776.86	42.7%	788	202.33	289.7%
CRUDE OIL PHY	LO5	0	233.6	-100.0%	961.59	-100.0%	240	107.23	123.7%
ELEC FINSETTLED	PML	0	2.5	-100.0%	0	-	0	1.47	-100.0%
ELEC MISO PEAK	9T	0	0	-	0	-	6	17.79	-68.2%
ETHANOL	CE1	0	0	-	0	-	1	0.17	200.0%
ETHANOL	CE3	0	0	-	0	-	2	0.17	1100.1%
ETHANOL SWAP	CVR	218	219.6	-0.6%	245.27	-11.0%	247	266.86	-7.5%
ETHANOL SWAP	GVR	23	21.5	8.1%	0	-	10	15.99	-40.2%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0.41	-100.0%
GASOLINE	GCE	0	0	-	0	-	0	6.01	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	0	-	4.55	-100.0%	1	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	3	64.4	-96.0%	27.73	-90.6%	11	17.99	-39.9%
HEATING OIL PHY	OH	1,173	2,493.25	-52.9%	1,907.05	-38.5%	1,545	2,732.26	-43.4%
HENRY HUB FINANCIAL LAST	E7	157	100.15	56.6%	124.59	25.9%	175	105.83	65.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	9	39.31	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	120	-100.0%	0	-	35	76.76	-54.2%
MCCLOSKEY ARA ARG5 COAL	MTO	0	15	-100.0%	24.55	-100.0%	9	62.03	-85.7%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-	0	16.45	-100.0%
NATURAL GAS	G10	0	0	-	0	-	3	3.45	-10.0%

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Energy Options									
NATURAL GAS 1 M CSO FIN	G4	485	150	223.2%	1,645.45	-70.5%	1,957	251.93	676.9%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	11.36	-100.0%	24	6.9	255.0%
NATURAL GAS 3 M CSO FIN	G3	381	851.85	-55.2%	1,311.36	-70.9%	555	1,080.86	-48.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	28	8.28	237.5%
NATURAL GAS 6 M CSO FIN	G6	113	0	-	31.82	253.6%	254	28.28	798.1%
NATURAL GAS OPTION ON CALENDAR STR	6J	72	45	60.0%	68.18	5.6%	48	92.26	-48.1%
NATURAL GAS PHY	KD	1,803	863.75	108.7%	2,023.05	-10.9%	1,636	1,605.82	1.9%
NATURAL GAS PHY	LN	88,862	97,804.55	-9.1%	115,848.09	-23.3%	109,302	92,308.19	18.4%
NATURAL GAS PHY	ON	8,874	15,604.65	-43.1%	9,698.32	-8.5%	9,803	13,549.15	-27.7%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-	0	3.45	-100.0%
N ROCKIES PIPE SWAP	ZR	18	36	-50.0%	24.55	-26.7%	20	24.21	-18.6%
NY HARBOR HEAT OIL SWP	AT	215	340.95	-36.8%	240	-10.3%	173	291.13	-40.4%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	137	2.9	4621.3%
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	-	20	0	-
PETROCHEMICALS	4H	28	21.6	28.5%	15.91	74.4%	23	65.31	-64.4%
PETROCHEMICALS	4J	0	54.75	-100.0%	1.36	-100.0%	17	30.72	-45.0%
PETROCHEMICALS	4K	10	0	-	0	-	1	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	3.41	-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	27	14	89.3%	18.18	45.8%	24	2.9	745.2%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	71.03	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	25	10.75	128.8%	17.27	42.4%	83	13.17	532.7%
RBOB 1MO CAL SPD OPTIONS	ZA	73	0	-	25	191.6%	14	23.45	-40.9%
RBOB CALENDAR SWAP	RA	0	0	-	0	-	15	39.99	-63.2%
RBOB PHY	OB	1,220	1,018	19.9%	1,098.41	11.1%	1,233	1,971.37	-37.4%
RBOB PHY	RF	0	0	-	1.14	-100.0%	1	0.14	325.1%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	2.76	-100.0%
SAN JUAN PIPE SWAP	PJ	9	36	-75.0%	24.55	-63.3%	14	43.53	-68.6%
SHORT TERM	U11	42	5	740.0%	0	-	23	11.03	105.6%
SHORT TERM	U12	5	30	-85.0%	99.55	-95.5%	25	19.17	32.3%
SHORT TERM	U13	21	5	320.0%	31.36	-33.0%	14	23.52	-38.9%
SHORT TERM	U14	21	40	-48.1%	22.27	-6.8%	12	30.52	-61.5%

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Energy Options									
SHORT TERM	U15	0	6.25	-100.0%	38.18	-100.0%	25	13.62	81.5%
SHORT TERM	U22	0	25	-100.0%	35.32	-100.0%	11	16.38	-33.6%
SHORT TERM	U23	0	0	-	7.36	-100.0%	7	4.69	50.3%
SHORT TERM	U24	13	0	-	0	-	14	9.52	42.8%
SHORT TERM	U25	10	0	-	0	-	2	1.41	46.3%
SHORT TERM	U26	0	0	-	10.55	-100.0%	2	8.48	-76.3%
SHORT TERM NATURAL GAS	U01	13	15	-16.7%	0	-	16	22.59	-30.1%
SHORT TERM NATURAL GAS	U02	0	0	-	51.82	-100.0%	17	21.21	-21.1%
SHORT TERM NATURAL GAS	U03	0	0	-	34.09	-100.0%	15	5	192.4%
SHORT TERM NATURAL GAS	U04	0	0	-	0	-	5	17.24	-70.8%
SHORT TERM NATURAL GAS	U05	30	15	100.0%	86.14	-65.2%	22	16.03	38.7%
SHORT TERM NATURAL GAS	U06	23	5	360.0%	30.23	-23.9%	39	13.31	191.4%
SHORT TERM NATURAL GAS	U07	34	15	123.3%	26.82	24.9%	20	24.14	-16.1%
SHORT TERM NATURAL GAS	U08	0	0	-	57.5	-100.0%	23	14.12	65.4%
SHORT TERM NATURAL GAS	U09	0	0	-	42.73	-100.0%	19	23.39	-20.4%
SHORT TERM NATURAL GAS	U10	57	0	-	0	-	34	24.59	37.1%
SHORT TERM NATURAL GAS	U16	0	0	-	56.36	-100.0%	15	22.83	-36.0%
SHORT TERM NATURAL GAS	U17	51	0	-	0	-	20	5.38	275.5%
SHORT TERM NATURAL GAS	U18	4	26.25	-86.7%	0	-	3	14.34	-76.6%
SHORT TERM NATURAL GAS	U19	19	0	-	97.73	-80.6%	25	7.45	241.2%
SHORT TERM NATURAL GAS	U20	15	0	-	45	-67.8%	19	7.1	172.3%
SHORT TERM NATURAL GAS	U21	10	5	94.0%	42.73	-77.3%	12	3.97	212.9%
SHORT TERM NATURAL GAS	U27	0	5	-100.0%	0	-	13	6.21	107.8%
SHORT TERM NATURAL GAS	U28	10	62.5	-84.0%	52.73	-81.0%	11	22.59	-51.0%
SHORT TERM NATURAL GAS	U29	0	11.25	-100.0%	11.82	-100.0%	2	16.9	-89.4%
SHORT TERM NATURAL GAS	U30	0	0	-	57.27	-100.0%	21	4.14	409.2%
SHORT TERM NATURAL GAS	U31	20	0	-	0	-	39	5.17	653.3%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	68.97	-100.0%
WTI-BRENT BULLET SWAP	BV	368	717.5	-48.8%	471.23	-22.0%	1,638	943.72	73.5%
WTI CRUDE OIL 1 M CSO FI	7A	1,438	5,450	-73.6%	2,090.91	-31.3%	2,641	8,119.95	-67.5%

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Commodities and Alternative Investments Futures									
COCOA TAS	CJ	0	9.1	-100.0%	0.32	-100.0%	1	10.46	-94.7%
COFFEE	KT	0	0.3	-100.0%	0	-	0	0.94	-70.8%
COTTON	TT	0	6.2	-100.0%	0.05	-100.0%	0	3.24	-96.8%
SUGAR 11	YO	0	2.7	-90.7%	0.32	-21.4%	0	2.61	-90.2%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		0	18.3	-98.6%	0.68	-63.3%	1	17.26	-93.1%
Energy Futures		2,314,402	1,886,843.9	22.7%	2,334,068.68	-0.8%	2,230,389	2,073,211.99	7.6%
Metals Futures		502,569	465,393.05	8.0%	470,435.95	6.8%	480,810	420,322.41	14.4%
TOTAL FUTURES		2,816,972	2,352,255.25	19.8%	2,804,505.32	0.4%	2,711,200.23	2,493,551.66	8.7%
TOTAL OPTIONS GROUP									
Energy Options		295,355	318,385.45	-7.2%	338,661.55	-12.8%	338,877	320,902.48	5.6%
Metals Options		47,496	37,295	27.4%	41,573.86	14.2%	45,309	46,473.88	-2.5%
TOTAL OPTIONS		342,851	355,680.45	-3.6%	380,235.41	-9.8%	384,186.33	367,376.36	4.6%
TOTAL COMBINED									
Metals		550,065	502,688.05	9.4%	512,009.82	7.4%	526,119	466,796.28	12.7%
Energy		2,609,757	2,205,229.35	18.3%	2,672,730.23	-2.4%	2,569,267	2,394,114.48	7.3%
Commodities and Alternative Investments		0	18.3	-98.6%	0.68	-63.3%	1	17.26	-93.1%
GRAND TOTAL		3,159,823	2,707,935.7	16.7%	3,184,740.73	-0.8%	3,095,386.56	2,860,928.02	8.2%