

NYMEX/COMEX Exchange ADV Report - Monthly

August 2016

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Commodity		ADV AUG 2016	ADV AUG 2015	% CHG	ADV JUL 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Metals Futures									
COMEX GOLD	GC	190,670	163,407.86	16.7%	289,924	-34.2%	232,957	165,404.5	40.8%
NYMEX HOT ROLLED STEEL	HR	224	293.14	-23.5%	170.75	31.3%	228	232.48	-1.8%
NYMEX PLATINUM	PL	12,053	12,780.52	-5.7%	13,984.45	-13.8%	14,603	14,391.87	1.5%
PALLADIUM	PA	7,510	8,814	-14.8%	5,210.95	44.1%	5,623	5,313.94	5.8%
URANIUM	UX	0	0.05	-100.0%	0	-	39	17.98	116.3%
COMEX SILVER	SI	86,038	71,952.29	19.6%	72,937.3	18.0%	73,082	53,179.47	37.4%
COMEX E-Mini GOLD	QO	349	235.57	48.2%	790.2	-55.8%	529	263.87	100.5%
COMEX E-Mini SILVER	QI	72	48.62	47.8%	108.95	-34.0%	61	38.83	56.4%
COMEX COPPER	HG	82,815	83,480.81	-0.8%	75,508.45	9.7%	82,113	67,138.56	22.3%
COMEX MINY COPPER	QC	19	51.48	-64.1%	16.7	10.8%	27	36.25	-25.3%
Aluminium MW Trans Prem Platts	AUP	197	216.9	-9.2%	309.6	-36.4%	286	148.01	93.1%
ALUMINUM	A38	1	0	-	2.5	-61.8%	0	0	-
ALUMINUM	AEP	49	0	-	67.5	-27.3%	52	18.38	180.4%
ALUMINUM	ALI	27	3	815.2%	33.25	-17.4%	30	15.98	87.2%
ALUMINUM	EDP	72	0	-	21	242.0%	24	0	-
ALUMINUM	MJP	39	0	-	17.05	129.3%	33	0	-
COPPER	HGS	21	47.38	-55.6%	1.5	1303.0%	20	25.84	-23.5%
E-MICRO GOLD	MGC	2,473	2,064.95	19.7%	4,869.9	-49.2%	4,323	1,611.24	168.3%
FERROUS PRODUCTS	BUS	2	0	-	0	-	3	2.21	49.3%
FERROUS PRODUCTS	SSF	0	0	-	0	-	0	0	-
Gold Kilo	GCK	172	161.19	6.7%	185.85	-7.4%	238	202.91	17.2%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-	15	10.33	43.2%
IRON ORE 62 CHINA TSI FUTURES	TIO	587	440.52	33.2%	627.55	-6.5%	816	538.17	51.6%
LNDN ZINC	ZNC	1	5.67	-88.8%	1.75	-63.6%	1	1.53	-21.5%
METALS	LED	0	0	-	0	-	0	0	-
SILVER	SIL	515	389	32.3%	603.85	-14.8%	422	355.47	18.8%

Metals Options

COMEX COPPER	HX	131	100.29	30.8%	289.55	-54.7%	133	107.16	24.1%
COMEX GOLD	OG	26,571	31,242.67	-15.0%	29,276.8	-9.2%	38,135	29,780.74	28.1%
COMEX SILVER	SO	5,591	4,892.81	14.3%	6,731.25	-16.9%	5,531	4,840.57	14.3%
COPPER	H4E	0	0	-	0	-	0	0.04	-100.0%
GOLD	OG1	72	35.43	103.7%	23.15	211.8%	52	24.18	115.6%

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Metals Options									
GOLD	OG2	43	11.67	269.0%	95.25	-54.8%	55	29.7	86.3%
GOLD	OG3	16	13.05	18.8%	69.15	-77.6%	42	22.26	86.8%
GOLD	OG4	17	30.95	-44.3%	46.7	-63.1%	29	12.79	127.0%
GOLD	OG5	0	0	-	31.3	-100.0%	15	5.16	182.8%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	105	0	-	61.5	70.6%	213	96.28	120.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	36	80	-54.5%	258.1	-85.9%	145	194.45	-25.5%
NYMEX PLATINUM	PO	291	44.1	559.5%	132.85	118.9%	204	230.34	-11.4%
PALLADIUM	PAO	205	189.48	8.2%	269.6	-24.0%	156	169.89	-8.4%
SILVER	SO1	0	0	-	0	-	0	1.69	-95.7%
SILVER	SO2	0	0	-	0	-	0	0.75	-99.2%
SILVER	SO3	0	0	-	9.75	-100.0%	1	0.77	56.2%
SILVER	SO4	0	0.05	854.8%	0.05	809.0%	0	0.56	-78.5%
SILVER	SO5	0	0	-	0	-	0	0.8	-95.5%

Energy Futures

CRUDE OIL PHY	CL	1,004,094	914,142.62	9.8%	942,072.55	6.6%	1,060,483	799,218.94	32.7%
CRUDE OIL	WS	110	390.48	-71.8%	14	686.4%	471	794.74	-40.7%
MINY WTI CRUDE OIL	QM	11,686	10,859.76	7.6%	10,780.75	8.4%	13,790	12,448.6	10.8%
BRENT OIL LAST DAY	BZ	76,373	111,285.1	-31.4%	81,706.2	-6.5%	95,207	103,759.2	-8.2%
HEATING OIL PHY	HO	148,971	154,960.81	-3.9%	152,625.7	-2.4%	155,113	146,035.65	6.2%
HTG OIL	BH	0	5.14	-100.0%	5.8	-100.0%	32	8.48	281.4%
MINY HTG OIL	QH	1	0.48	5.0%	1.05	-52.4%	0	0.39	28.3%
RBOB PHY	RB	181,081	177,945.67	1.8%	171,349.55	5.7%	180,368	159,296.83	13.2%
MINY RBOB GAS	QU	0	0.19	67.0%	0.15	112.1%	0	0.23	-9.6%
NATURAL GAS	HP	6,162	2,997.9	105.5%	7,402.05	-16.8%	6,015	4,221.02	42.5%
LTD NAT GAS	HH	10,237	12,049.33	-15.0%	8,825.7	16.0%	10,981	11,452.83	-4.1%
MINY NATURAL GAS	QG	1,064	799.24	33.2%	1,238.1	-14.0%	1,183	1,305.13	-9.4%
PJM MONTHLY	JM	0	75.62	-100.0%	2	-100.0%	17	29.11	-40.4%
NATURAL GAS PHY	NG	372,670	307,522.62	21.2%	338,455.1	10.1%	361,733	323,211.43	11.9%
RBOB GAS	RT	70	49.14	41.7%	76.3	-8.7%	62	71.39	-12.5%
3.5% FUEL OIL CID MED SWA	7D	15	0	-	6.05	155.4%	13	3.54	253.6%
3.5% FUEL OIL CIF BALMO S	8D	2	0	-	0	-	1	0.6	108.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-

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Energy Futures									
AEP-DAYTON HUB MTHLY	VM	0	0.95	-100.0%	12	-100.0%	1	2.62	-45.1%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	3.72	-100.0%
ALGON CITY GATES NAT GAS	N7	11	0	-	79	-86.2%	36	0	-
ALGONQUIN CITYGATES BASIS	B4	22	11.43	93.7%	79.4	-72.1%	35	5.61	530.3%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	11.84	-100.0%
ANR OKLAHOMA	NE	3	34.29	-92.0%	12.4	-78.0%	22	45.51	-52.6%
APPALACHIAN COAL (PHY)	QL	0	2.86	-100.0%	0	-	1	10.48	-92.6%
ARGUS LLS VS. WTI (ARG) T	E5	463	347.05	33.5%	713.5	-35.1%	646	387.82	66.5%
ARGUS PROPAN FAR EST INDE	7E	49	19.33	155.8%	83.55	-40.8%	72	22.89	216.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	18	18.48	-0.1%	35.95	-48.7%	44	28.17	55.5%
AUSTRIALIAN COKE COAL	ALW	8	3.62	111.0%	6.55	16.6%	18	7.47	143.8%
BRENT BALMO SWAP	J9	13	16.38	-23.7%	2	525.0%	6	19.19	-66.1%
BRENT CALENDAR SWAP	CY	29	157.24	-81.3%	145.95	-79.9%	105	234.16	-55.1%
BRENT CFD SWAP	6W	0	0	-	0	-	0	3.75	-100.0%
BRENT FINANCIAL FUTURES	BB	3	14.29	-79.3%	13	-77.3%	13	291.68	-95.6%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	9	4.4	93.7%
BRENT FINANCIAL FUTURES	MDB	0	0	-	5.25	-100.0%	2	1.54	60.4%
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	130	56.29	130.2%	4.5	2778.8%	96	57.85	66.0%
CENTERPOINT BASIS SWAP	PW	32	10.1	215.2%	45.3	-29.8%	64	89.91	-29.1%
CENTERPOINT EAST INDEX	II	0	0	-	37	-100.0%	4	2.68	65.6%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	-	0	0.13	-100.0%
CHICAGO ETHANOL SWAP	CU	4,886	3,705.24	31.9%	4,887.75	0.0%	4,683	3,956.88	18.4%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	35	3.62	865.9%	23	52.0%	16	17.4	-10.3%
CHICAGO UNL GAS PL VS RBO	3C	13	0	-	0	-	11	1.36	723.4%
CIG BASIS	CI	508	105.86	379.8%	269.3	88.6%	389	189.41	105.5%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	6.2	-100.0%	6	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	7.14	-100.0%	0	-	0	2.49	-85.6%
CINERGY HUB PEAK MONTH	EM	0	1.9	-100.0%	0	-	0	0.16	-100.0%
CIN HUB 5MW D AH O PK	K2	0	2,331.43	-100.0%	5,632	-100.0%	1,650	705.77	133.8%
CIN HUB 5MW D AH PK	H5	12	43.14	-72.8%	78.3	-85.0%	112	41.81	167.4%
CIN HUB 5MW REAL TIME O P	H4	0	4,655.24	-100.0%	8,418	-100.0%	5,788	3,113.64	85.9%
CIN HUB 5MW REAL TIME PK	H3	135	110.95	22.1%	217.5	-37.7%	380	81.89	363.9%
COAL SWAP	ACM	9	7.62	19.3%	3	203.0%	12	16.28	-29.0%

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Energy Futures									
COAL SWAP	SSI	1	6	-77.3%	1	36.4%	1	12.5	-91.0%
COLUMB GULF MAINLINE NG B	5Z	160	89.9	78.3%	39.5	305.8%	111	101.64	9.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	13	13.36	-1.0%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-	0	1.93	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	19	18.27	1.9%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	0	5.52	-100.0%	4.65	-100.0%	8	4.08	87.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	23	26.57	-12.8%	1.5	1445.5%	6	7.76	-26.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	528	100.38	426.3%	302.4	74.7%	312	220.14	41.8%
CRUDE OIL	CHB	0	0	-	0	-	0	0	-
CRUDE OIL	LPS	216	191.29	12.8%	235	-8.2%	244	120.74	102.4%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	5	46.14	-89.4%	9	-45.5%	4	47.56	-90.8%
CRUDE OIL OUTRIGHTS	CSW	23	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	DBL	0	55.95	-100.0%	0	-	3	128.9	-97.9%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	0	0.93	-100.0%
CRUDE OIL OUTRIGHTS	GSW	3	0	-	1.5	81.8%	1	0	-
CRUDE OIL OUTRIGHTS	HTT	236	0	-	262.5	-9.9%	87	0	-
CRUDE OIL OUTRIGHTS	WCC	307	615.81	-50.2%	59	420.0%	241	251.08	-3.9%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	5	14.29	-68.2%	0	-	3	1.19	114.6%
CRUDE OIL SPRDS	WTT	241	0	-	321.75	-25.1%	125	29.81	320.6%
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	-	16	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%

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Energy Futures									
DATED TO FRONTLINE BRENT	FY	34	8.33	309.1%	77.5	-56.0%	72	136.86	-47.5%
DEMARC INDEX FUTURE	DI	0	0	-	0	-	5	0	-
DIESEL 10P BRG FOB RDM VS	7X	5	0	-	0	-	1	0.04	1794.9%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-	0	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	3	-100.0%	0	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	102	10.12	912.0%
DOMINION TRANSMISSION INC	PG	803	120.29	567.6%	441.2	82.0%	900	348.13	158.5%
DUBAI CRUDE OIL BALMO	BI	0	0	-	13.75	-100.0%	2	0.4	316.6%
DUBAI CRUDE OIL CALENDAR	DC	104	190.38	-45.4%	143.75	-27.7%	70	186.66	-62.3%
DY EURO 3.5% FUEL OI RDA	FOR	0	40	-100.0%	0	-	0	3.32	-100.0%
EASTERN RAIL DELIVERY CSX	QX	38	83.14	-54.9%	65.5	-42.7%	58	159.71	-63.6%
EAST/WEST FUEL OIL SPREAD	EW	2	6.43	-64.6%	3.75	-39.4%	1	9.28	-84.8%
EIA FLAT TAX ONHWAY DIESE	A5	52	17.95	187.6%	59.6	-13.4%	55	37.31	48.1%
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	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	-	8	6.06	25.4%
ELEC FINSETTLED	49	0	0	-	0	-	0	5.04	-100.0%
ELEC MISO PEAK	4L	0	15.24	-100.0%	0	-	0	6.05	-100.0%
ELEC MISO PEAK	55	0	0	-	0	-	0	8.05	-100.0%
ELEC NYISO OFF-PEAK	4M	0	276	-100.0%	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	-	141	110.92	26.8%
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	0	0	-	31	-100.0%	10	0	-
EMMISSIONS	CPL	0	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	310.86	-100.0%	0	-	26	113.82	-77.5%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-	1	12.06	-88.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	95	73.86	28.9%	70.05	35.9%	102	116.11	-12.0%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-	0	0	-
EURO 1% FUEL OIL NEW BALM	KX	0	0.14	-100.0%	0	-	1	0.52	142.9%
EURO 3.5% FUEL OIL RDAM B	KR	16	37.67	-56.7%	9.1	79.3%	15	25.16	-41.0%

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EURO 3.5% FUEL OIL SPREAD	FK	20	18.57	8.2%	16.5	21.8%	26	42.71	-38.2%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	4.4	-100.0%	1	10.62	-91.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.06	-67.5%
EURO GASOIL 10PPM VS ICE	ET	6	2.71	137.8%	3.75	72.1%	4	4.21	-15.7%
EUROPE 1% FUEL OIL NWE CA	UF	0	8.81	-98.5%	28.25	-99.5%	8	7.59	6.1%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0.5	-100.0%	1	0.66	13.2%
EUROPE 3.5% FUEL OIL MED	UI	19	0	-	12.35	50.9%	18	5.57	214.7%
EUROPE 3.5% FUEL OIL RDAM	UV	180	353.95	-49.1%	288.1	-37.5%	299	389.23	-23.1%
EUROPEAN GASOIL (ICE)	7F	315	813.43	-61.3%	575.45	-45.3%	9,210	3,046.56	202.3%
EUROPEAN NAPHTHA BALMO	KZ	7	2.86	130.7%	6.65	-0.9%	7	3.9	80.7%
EUROPEAN NAPHTHA CRACK SPR	EN	212	180.67	17.3%	231.35	-8.4%	218	308.02	-29.1%
EUROPE DATED BRENT SWAP	UB	0	391.9	-100.0%	155	-100.0%	155	154.27	0.8%
EUROPE JET KERO NWE CALSW	UJ	0	0.48	-100.0%	0	-	0	1.97	-88.5%
EUROPE NAPHTHA CALSWAP	UN	82	36.57	123.1%	100.2	-18.6%	67	59.16	13.0%
EURO PROPANE CIF ARA SWA	PS	49	10.24	378.2%	61.95	-21.0%	57	19.52	190.9%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	50	0	-
FLORIDA GAS ZONE3 BASIS S	FP	152	23.24	555.7%	39.45	286.2%	33	57.35	-43.1%
FREIGHT MARKETS	FLP	2	8.14	-77.1%	1.2	55.3%	9	3.02	199.2%
FUEL OIL CRACK VS ICE	FO	160	185.9	-14.1%	260.85	-38.8%	193	175.82	9.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	1.21	-84.2%
FUEL OIL (PLATS) CAR CM	1W	1	4.43	-74.3%	46.5	-97.6%	7	1.04	540.4%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.81	-60.3%
FUELOIL SWAP:CARGOES VS.B	FS	4	8.76	-55.4%	9.35	-58.2%	17	18.4	-8.4%
GAS EURO-BOB OXY NWE BARGES	7H	241	223.52	7.8%	239.2	0.8%	333	318.24	4.6%
GAS EURO-BOB OXY NWE BARGES CRK	7K	527	484.1	8.9%	590.15	-10.7%	668	813.04	-17.9%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.04	-9.1%
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	-	0	0.2	127.3%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	2	-77.3%	1	0.97	-19.9%
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	-24.3%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0.57	-100.0%	0.25	-100.0%	0	0.71	-49.5%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-	0	0.04	-100.0%

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Energy Futures									
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.2	-69.7%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.13	-86.2%
GASOIL 10PPM VS ICE SWAP	TP	10	1.9	405.9%	3	221.2%	4	5.77	-27.4%
GASOIL CALENDAR SWAP	GX	1	0.29	138.6%	2.3	-70.4%	2	1.04	75.7%
GASOIL CRACK SPREAD CALEN	GZ	248	51.43	381.7%	398.55	-37.8%	252	153.56	64.1%
GASOIL MINI CALENDAR SWAP	QA	10	10.86	-9.6%	7.05	39.3%	12	13.13	-6.3%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	5	24.29	-80.0%
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-	0	0	-
GROUP THREE ULSD (PLATTS)	A7	14	0	-	0	-	2	0.79	127.2%
GRP THREE ULSD(PLT)VS HEA	A6	210	173.14	21.3%	189	11.1%	132	181.85	-27.7%
GRP THREE UNL GS (PLT) VS	A8	79	102.86	-23.1%	82.5	-4.1%	67	74.26	-9.2%
GULF COAST 3% FUEL OIL BA	VZ	13	47.95	-73.0%	13.1	-1.1%	34	49.13	-31.1%
GULF COAST GASOLINE CLNDR	GS	0	47.62	-100.0%	0	-	8	28.72	-72.9%
GULF COAST JET FUEL CLNDR	GE	2	0	-	9.6	-81.1%	7	14.5	-51.6%
GULF COAST JET VS NYM 2 H	ME	1,447	1,084.14	33.5%	1,463.3	-1.1%	1,553	1,065.74	45.7%
GULF COAST NO.6 FUEL OIL	MF	2,409	2,905.52	-17.1%	2,973.6	-19.0%	2,735	3,207.63	-14.7%
GULF COAST NO.6 FUEL OIL	MG	7	69.43	-90.2%	15	-54.5%	33	69.29	-51.7%
GULF COAST ULSD CALENDAR	LY	51	19.9	158.5%	61.6	-16.5%	44	34.44	27.5%
GULF COAST ULSD CRACK SPR	GY	7	0	-	3.75	81.8%	37	15.65	135.5%
HEATING OIL BALMO CLNDR S	1G	1	0	-	1.25	-45.5%	2	7.17	-72.0%
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	873	462.19	88.9%	826.9	5.6%	1,046	584.46	78.9%
HENRY HUB INDEX SWAP FUTU	IN	576	462.19	24.7%	779.7	-26.1%	956	439.06	117.7%
HENRY HUB SWAP	NN	16,452	19,066.62	-13.7%	12,871.4	27.8%	20,568	21,070.38	-2.4%
HENRY HUB SWING FUTURE	SN	0	57.14	-100.0%	0	-	2	4.74	-63.4%
HOUSTON SHIP CHANNEL BASI	NH	73	268.57	-73.0%	93	-22.0%	157	191.68	-18.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	9.3	-100.0%	1	0.71	56.5%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	16.1	-100.0%
ICE BRENT DUBAI SWAP	DB	5	2.86	59.1%	0	-	1	49.57	-98.7%
IN DELIVERY MONTH EUA	6T	0	147.62	-100.0%	17.5	-100.0%	157	413.45	-62.1%
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	-

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INDIANA MISO	PDD	0	0	-	0	-	1	0	-
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	2	2.86	-44.3%	0.75	112.1%	1	7.13	-82.8%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.08	51.5%
JAPAN C&F NAPHTHA CRACK S	JB	29	49.71	-42.7%	25.65	11.1%	20	12.79	58.8%
JAPAN C&F NAPHTHA SWAP	JA	81	45.52	78.3%	52.75	53.9%	60	46.55	28.8%
JAPAN NAPHTHA BALMO SWAP	E6	3	1.19	186.4%	0.25	1263.6%	2	2	11.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	2	0.24	759.1%	1.6	27.8%	1	1.1	-14.8%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.06	122.1%
JET CIF NWE VS ICE	JC	3	2.19	28.7%	4.1	-31.3%	5	5.04	-9.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.16	-92.4%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.19	-3.3%
JET FUEL UP-DOWN BALMO CL	1M	342	39.29	770.7%	68.25	401.2%	174	152.02	14.7%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0.92	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	57	30.95	82.8%	9.5	495.7%	38	30.3	25.0%
LA CARBOB GASOLINE(OPIS)S	JL	15	10.71	37.9%	16.25	-9.1%	35	23.52	50.2%
LA JET FUEL VS NYM NO 2 H	MQ	1	2.38	-52.3%	0.75	51.5%	5	2.13	124.4%
LA JET (OPIS) SWAP	JS	163	46.43	251.5%	81.25	100.8%	99	42.77	131.9%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	315	524.62	-40.0%	290.4	8.4%	329	435.4	-24.5%
MARS (ARGUS) VS WTI SWAP	YX	50	354.1	-86.0%	40.25	23.1%	205	292.73	-30.0%
MARS (ARGUS) VS WTI TRD M	YV	880	157.1	460.0%	552.25	59.3%	515	67.23	666.5%
MARS BLEND CRUDE OIL	MB	25	0	-	172.5	-85.2%	93	0	-
MCCLOSKEY ARA ARGS COAL	MTF	4,340	11,811.81	-63.3%	5,932.4	-26.8%	8,394	8,425.86	-0.4%
MCCLOSKEY RCH BAY COAL	MFF	439	736.52	-40.4%	309.35	42.0%	872	1,122.24	-22.3%
MGF FUT	MGF	0	0	-	0	-	1	0.34	76.2%
MGN1 SWAP FUT	MGN	3	9.81	-65.2%	3.75	-9.1%	6	7.52	-17.4%
MICHCON NG INDEX SWAP	Y8	0	0	-	92	-100.0%	11	0	-
MICHIGAN BASIS	NF	66	61.14	8.2%	92.25	-28.3%	100	25.91	287.5%
MICHIGAN MISO	HMO	0	186.67	-100.0%	0	-	764	480	59.2%
MICHIGAN MISO	HMW	0	20.48	-100.0%	0	-	43	26.86	61.4%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	39	10.29	279.6%	17.55	122.5%	21	13.79	49.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	5	8.1	-43.8%	10	-54.5%	6	18.98	-68.6%

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Energy Futures									
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	78	20.95	269.9%	50.7	52.9%	57	34.65	63.4%
MJB FUT	MJB	0	0	-	0	-	0	0.04	-100.0%
MJC FUT	MJC	7	0	-	8.6	-23.9%	5	3.08	48.6%
MNC FUT	MNC	161	184.29	-12.6%	296.7	-45.7%	190	201.2	-5.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	2,294	369.62	520.7%	1,679.95	36.6%	1,936	366.58	428.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	8	4.29	75.0%	5.5	36.4%	5	10.93	-55.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	6,201	1,881.19	229.6%	7,079.4	-12.4%	5,413	2,437.12	122.1%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	40	5.9	570.5%	43.75	-9.5%	41	31.14	30.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	320	154.1	108.0%	364.55	-12.1%	405	256.64	57.9%
MONT BELVIEU NATURAL GASOLINE BALM	R0	11	10.95	4.2%	4.1	178.3%	10	16.44	-39.5%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,289	694	85.7%	1,303.2	-1.1%	1,143	828.39	38.0%
MONT BELVIEU NORMAL BUTANE BALMO	8J	26	14.29	80.1%	32.8	-21.6%	33	21.44	54.8%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-	0	0.16	-100.0%
NAT GAS BASIS SWAP	TZ6	284	61.14	365.2%	39.65	617.4%	175	20.69	746.8%
NATURAL GAS	XSC	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	0	-	0	-	0	13.5	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	0	25.5	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	MFS	0	0	-	0	-	0	5.79	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	PFS	0	0	-	0	-	0	1.96	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	WFS	0	0	-	0	-	0	2.26	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	Z5P	0	0	-	0	-	0	1.77	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURE	ZTS	0	0	-	0	-	0	0.33	-100.0%
NATURAL GAS INDEX	TZI	0	0	-	85.6	-100.0%	40	0	-
NATURAL GAS PEN SWP	NP	5,247	4,274.95	22.7%	6,175.55	-15.0%	5,389	8,695.84	-38.0%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	71	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	4	0	-
NEPOOL INTR HUB 5MW D AH	H2	12,753	3,723.81	242.5%	1,872	581.2%	2,666	1,261.42	111.3%
NEPOOL INTR HUB 5MW D AH	U6	736	209.52	251.2%	102	621.5%	191	80.59	137.0%
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	-30.0%
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	94.29	-100.0%	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	-

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Energy Futures									
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-	24	175.37	-86.3%
NEPOOL W CNTR M 5MW D AH	R6	0	20	-100.0%	0	-	10	6.72	50.2%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	38	37.62	-0.3%	37.5	0.0%	73	47.71	52.2%
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	55	86.1	-36.2%	169.65	-67.6%	159	199.95	-20.4%
NGPL MIDCONTINENT INDEX	IW	0	5.71	-100.0%	31	-100.0%	43	1.19	3549.5%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-	4	0	-
NGPL TEX/OK	PD	42	143.24	-70.5%	55	-23.1%	141	333.11	-57.7%
NGPL TEXOK INDEX	OI	14	22.86	-40.3%	0	-	2	4.53	-52.4%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	UM	0	1.9	-100.0%	0	-	0	0.28	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	4.76	-100.0%	9.35	-100.0%	15	15.94	-3.8%
NORTHERN NATURAL GAS DEMAR	PE	7	78.29	-91.3%	0	-	10	23.37	-55.3%
NORTHERN NATURAL GAS VENTU	PF	10	10.1	0.9%	61.75	-83.5%	43	22.62	92.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	1.9	-100.0%	0	-	0	0.4	-100.0%
NORTHWEST ROCKIES BASIS S	NR	355	752.81	-52.8%	340.3	4.4%	812	537.3	51.1%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	3.92	-100.0%
NY1% VS GC SPREAD SWAP	VR	86	45.24	90.9%	140.7	-38.6%	107	109.28	-1.9%
NY 2.2% FUEL OIL (PLATTS	Y3	4	8.81	-58.7%	0	-	3	3.87	-24.4%
NY 3.0% FUEL OIL (PLATTS	H1	13	14.29	-12.5%	3.75	233.3%	9	20.73	-58.1%
NY HARBOR 1% FUEL OIL BAL	VK	3	0	-	0	-	1	2.1	-71.2%
NY HARBOR HEAT OIL SWP	MP	81	225.24	-64.1%	97.35	-17.0%	121	212.5	-43.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	14	0	-	14.75	-6.0%	29	15.98	82.0%
NY HARBOR RESIDUAL FUEL 1	MM	135	340.9	-60.5%	91.7	46.8%	164	245.38	-33.0%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0.4	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	138	73.38	88.0%	37.1	271.8%	88	123.39	-28.6%
NY H OIL PLATTS VS NYMEX	YH	0	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	-	2.1	16.9%	1	0	-
NYISO CAPACITY	NNC	4	14.29	-71.4%	4.5	-9.1%	8	14.72	-44.0%
NYISO CAPACITY	NRS	4	37.52	-88.2%	3.6	22.5%	12	20.43	-42.1%
NYISO G	KG	0	0	-	0	-	0	1.86	-100.0%
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0.75	-100.0%

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Energy Futures									
NYISO J	KJ	0	22.33	-100.0%	0	-	1	12.81	-92.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	2.33	-79.5%
NYISO ZONE A 5MW D AH O P	K4	360	1,104.38	-67.4%	0	-	1,433	1,712	-16.3%
NYISO ZONE A 5MW D AH PK	K3	135	60.95	120.7%	0	-	22	76.37	-71.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	325	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	9	0	-
NYISO ZONE G 5MW D AH O P	D2	934	224	316.9%	3,978	-76.5%	2,304	1,013	127.4%
NYISO ZONE G 5MW D AH PK	T3	242	315.71	-23.2%	153	58.5%	182	140.19	29.9%
NYISO ZONE J 5MW D AH O P	D4	0	994	-100.0%	0	-	616	252.47	144.2%
NYISO ZONE J 5MW D AH PK	D3	38	54.86	-30.4%	0	-	52	37.47	37.5%
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	-	0	-	0	4.7	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	50	17.05	190.9%	11.8	320.3%	24	130.95	-81.5%
ONEOK OKLAHOMA NG BASIS	8X	5	17.43	-68.7%	0	-	6	11.82	-46.1%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	1	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	22	631.84	-96.4%
ONTARIO POWER SWAPS	OPD	5	3.33	50.0%	1.5	233.3%	2	1.4	51.5%
ONTARIO POWER SWAPS	OPM	0	0	-	0	-	3	35.53	-92.6%
PANHANDLE BASIS SWAP FUTU	PH	453	491.1	-7.7%	412.15	9.9%	417	520.98	-20.0%
PANHANDLE INDEX SWAP FUTU	IV	0	84.29	-100.0%	0	-	15	10.43	42.4%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	0	1.24	-100.0%
PERMIAN BASIS SWAP	PM	109	106	2.5%	186	-41.6%	171	145.73	17.6%
PETROCHEMICALS	22	1	0.48	138.6%	0.75	51.5%	2	1.59	48.9%
PETROCHEMICALS	32	2	1.29	34.3%	2.25	-23.2%	3	2.43	3.2%
PETROCHEMICALS	8I	7	1.24	494.8%	5.45	35.1%	8	20.64	-61.5%
PETROCHEMICALS	91	4	0.24	1751.8%	9.05	-51.3%	8	1.41	460.0%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.23	25.4%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0.3	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	-	1	0	-
PETROCHEMICALS	MAE	1	0	-	4.5	-69.7%	2	1.15	101.1%
PETROCHEMICALS	MAS	1	0.95	-4.5%	3.25	-72.0%	6	1.4	296.9%
PETROCHEMICALS	MBE	125	72.14	72.6%	205.75	-39.5%	133	89.84	47.8%
PETROCHEMICALS	MNB	155	50.48	207.4%	96.2	61.3%	101	63.07	59.9%
PETRO CRCKS & SPRDS ASIA	STI	0	14.29	-100.0%	0	-	6	4.2	49.8%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	0	3	-87.2%

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Energy Futures									
PETRO CRCKS & SPRDS ASIA	STS	4	6.1	-40.3%	0	-	0	1.26	-61.9%
PETRO CRCKS & SPRDS NA	CRB	4	3.81	2.6%	21	-81.4%	6	15.19	-60.6%
PETRO CRCKS & SPRDS NA	EXR	58	43.67	32.7%	48.15	20.4%	66	53.4	23.2%
PETRO CRCKS & SPRDS NA	FOC	80	25	219.1%	91.25	-12.6%	47	32.21	46.0%
PETRO CRCKS & SPRDS NA	GBB	17	0	-	1.5	1006.1%	9	0.2	4521.3%
PETRO CRCKS & SPRDS NA	GCC	5	0	-	5	-9.1%	9	2.77	230.0%
PETRO CRCKS & SPRDS NA	GCI	67	55.71	20.0%	119.85	-44.2%	48	47.39	1.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	1.05	-56.7%	0	0	-
PETRO CRCKS & SPRDS NA	GCU	300	386.86	-22.4%	312.15	-3.8%	353	529.97	-33.4%
PETRO CRCKS & SPRDS NA	GFC	1	0	-	5.2	-78.1%	1	0.4	95.4%
PETRO CRCKS & SPRDS NA	HOB	129	160.95	-19.6%	206.75	-37.4%	194	153.3	26.7%
PETRO CRCKS & SPRDS NA	KSD	0	11.43	-100.0%	0	-	0	1.54	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NFG	12	2.38	411.6%	0	-	5	0.79	496.9%
PETRO CRCKS & SPRDS NA	NYF	14	25	-45.5%	0	-	3	9.09	-68.7%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	2	0	-
PETRO CRCKS & SPRDS NA	RBB	475	291.1	63.1%	459.05	3.5%	458	495.57	-7.7%
PETRO CRCKS & SPRDS NA	RVG	640	0	-	403	58.7%	386	24.92	1448.2%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	86	29.24	192.6%	63.6	34.5%	83	79.57	3.9%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-	0	0.2	-100.0%
PETRO CRK&SPRD EURO	43	13	23.38	-43.8%	2.25	483.8%	8	14.77	-48.7%
PETRO CRK&SPRD EURO	BFR	0	4.29	-100.0%	0	-	0	0.67	-100.0%
PETRO CRK&SPRD EURO	BOB	70	54.95	26.6%	59.4	17.2%	93	79.89	16.7%
PETRO CRK&SPRD EURO	EOB	0	0.48	-100.0%	0	-	1	1.8	-69.8%
PETRO CRK&SPRD EURO	EPN	15	3.14	381.6%	6.1	148.1%	11	2.29	394.5%
PETRO CRK&SPRD EURO	EVC	56	90.71	-38.6%	51.5	8.2%	67	64.91	3.4%
PETRO CRK&SPRD EURO	FBT	1	0	-	5	-81.8%	3	3.44	-16.4%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0.12	-100.0%
PETRO CRK&SPRD EURO	GCB	1	7.14	-84.1%	0	-	5	4.58	2.7%
PETRO CRK&SPRD EURO	GOC	0	1.14	-100.0%	0	-	0	2.66	-84.5%
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	2.29	-100.0%	0	-	0	1.72	-100.0%
PETRO CRK&SPRD EURO	MUD	15	2.67	447.2%	5.8	151.6%	6	3.78	68.6%
PETRO CRK&SPRD EURO	NBB	3	0	-	1.15	117.4%	1	0.22	381.7%
PETRO CRK&SPRD EURO	NOB	27	9.14	193.8%	41.35	-35.0%	20	9.47	115.6%

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Energy Futures									
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	1	0.06	960.2%
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	-	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	0.71	-100.0%	0	-	0	0.1	-100.0%
PETROLEUM PRODUCTS	EWG	96	0	-	76.2	25.7%	25	0.07	35120.7%
PETROLEUM PRODUCTS	MBS	1	0	-	0	-	3	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	8	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	8.52	-100.0%	0	-	3	3.41	-25.0%
PETROLEUM PRODUCTS ASIA	MJN	44	99.24	-55.6%	89	-50.5%	60	75.59	-20.1%
PETRO OUTRIGHT EURO	0A	0	0.48	-100.0%	0	-	0	0.36	-100.0%
PETRO OUTRIGHT EURO	0B	2	1.43	59.1%	21	-89.2%	8	4.25	83.4%
PETRO OUTRIGHT EURO	0C	3	0.71	250.0%	0	-	1	0.84	14.5%
PETRO OUTRIGHT EURO	0D	137	200.71	-31.7%	113.55	20.7%	195	206.77	-5.5%
PETRO OUTRIGHT EURO	0E	45	26.71	68.3%	36.4	23.5%	41	24.09	70.7%
PETRO OUTRIGHT EURO	0F	57	27.14	110.8%	62.55	-8.5%	55	44.93	23.4%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.36	-66.3%
PETRO OUTRIGHT EURO	33	0	0	-	0.75	-100.0%	1	2.44	-46.3%
PETRO OUTRIGHT EURO	5L	3	2	47.7%	29.85	-90.1%	9	5.32	73.7%
PETRO OUTRIGHT EURO	63	7	4.62	52.5%	6.5	8.4%	6	4.92	25.6%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	7I	1	0.48	62.3%	25.3	-96.9%	8	8.62	-10.4%
PETRO OUTRIGHT EURO	7P	0	0	-	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO	7R	9	12.71	-25.6%	20.05	-52.8%	13	12.44	1.9%
PETRO OUTRIGHT EURO	88	0	2.62	-100.0%	0	-	0	1.21	-72.7%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.12	-69.7%
PETRO OUTRIGHT EURO	CPB	27	0.24	11144.3%	0.75	3469.7%	5	2	167.4%
PETRO OUTRIGHT EURO	EFF	3	0	-	0	-	2	0.67	272.9%
PETRO OUTRIGHT EURO	EFM	1	2.71	-58.1%	26.25	-95.7%	4	1.8	113.1%
PETRO OUTRIGHT EURO	ENS	0	0	-	20.25	-97.8%	6	2.78	117.2%
PETRO OUTRIGHT EURO	EWN	10	0.48	2085.9%	15	-30.6%	9	4.1	114.4%
PETRO OUTRIGHT EURO	FBD	0	0.48	-100.0%	1	-100.0%	0	0.48	-75.0%

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Energy Futures									
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	1	0.97	-48.1%
PETRO OUTRIGHT EURO	MBN	95	102.29	-6.7%	73.25	30.3%	70	53.79	29.4%
PETRO OUTRIGHT EURO	SMU	9	0	-	0	-	1	2.37	-39.4%
PETRO OUTRIGHT EURO	T0	0	5.29	-100.0%	0	-	2	7.89	-72.1%
PETRO OUTRIGHT EURO	ULB	0	0	-	20	-100.0%	3	6.13	-52.1%
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	3	3.52	-17.4%	0.95	206.2%	6	12.18	-49.4%
PETRO OUTRIGHT NA	FOB	0	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0.25	-92.7%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	10.24	-100.0%	0	-	3	2.23	17.7%
PETRO OUTRIGHT NA	JET	287	78.1	267.6%	185	55.2%	125	66.82	87.3%
PETRO OUTRIGHT NA	MBL	0	1.71	-100.0%	0	-	1	2.95	-65.9%
PETRO OUTRIGHT NA	MEN	26	20.05	28.8%	43.05	-40.0%	33	30.68	6.1%
PETRO OUTRIGHT NA	MEO	444	343.57	29.2%	525	-15.4%	480	397.09	20.9%
PETRO OUTRIGHT NA	MFD	1	5.76	-83.4%	15.65	-93.9%	5	3.59	36.0%
PETRO OUTRIGHT NA	MMF	4	5.71	-32.4%	1.5	157.6%	7	7.66	-10.3%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	1	0.1	506.1%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0.36	-100.0%
PJM AD HUB 5MW REAL TIME	V3	638	6,708.57	-90.5%	3,273.6	-80.5%	6,159	6,568.19	-6.2%
PJM AD HUB 5MW REAL TIME	Z9	351	1,398.33	-74.9%	452.8	-22.4%	530	442.59	19.8%
PJM AEEO DA OFF-PEAK	X1	0	0	-	0	-	0	0	-
PJM AEEO 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	0	-	0	-	0	92.49	-100.0%
PJM ATSI ELEC	MPD	0	0	-	0	-	0	5.04	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	140	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-	8	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	1,174	-100.0%	1,262	341.68	269.2%
PJM COMED 5MW D AH PK	D8	0	0	-	63.5	-100.0%	69	28.26	143.0%
PJM DAILY	JD	0	0	-	0	-	8	0	-

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Energy Futures									
PJM DAYTON DA OFF-PEAK	R7	0	914.29	-100.0%	0	-	128	941.93	-86.5%
PJM DAYTON DA PEAK	D7	312	10	3024.1%	317.5	-1.6%	130	65.2	98.6%
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	688	258.71	165.8%	0	-	342	274.42	24.6%
PJM NI HUB 5MW REAL TIME	B6	16,625	10,501.24	58.3%	2,470.75	572.9%	8,115	7,427.85	9.2%
PJM NILL DA OFF-PEAK	L3	13,379	3,398.43	293.7%	1,430.85	835.0%	4,918	2,003.33	145.5%
PJM NILL DA PEAK	N3	669	30.33	2103.8%	68.75	872.4%	239	93.74	155.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	14.29	-100.0%	0	-	1	7.37	-88.6%
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	1,120	-100.0%	0	-	0	241.71	-100.0%
PJM PPL DA PEAK	L5	0	60.71	-100.0%	0	-	0	13.1	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-	981	7.75	12560.9%
PJM PSEG DA PEAK	L6	0	0	-	0	-	31	0.43	6923.7%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	1,500.95	-100.0%	18,784	-100.0%	4,940	3,192.55	54.7%
PJM WESTHDA PEAK	J4	116	91.19	27.1%	1,016	-88.6%	270	166.56	62.3%
PJM WESTH RT OFF-PEAK	N9	6,390	14,242.81	-55.1%	48,115.55	-86.7%	33,348	14,350.82	132.4%
PJM WESTH RT PEAK	L1	3,400	1,673.76	103.2%	2,990.4	13.7%	3,139	992.34	216.3%
PLASTICS	PGP	28	38.19	-27.2%	1	2681.8%	16	41.8	-60.7%
PREMIUM UNLD 10P FOB MED	3G	11	14	-19.5%	14.7	-23.3%	14	13.4	7.4%
PREMIUM UNLEAD 10PPM FOB	8G	0	4.62	-90.2%	0.85	-46.5%	2	2.76	-37.5%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0.48	-100.0%	0	-	0	0.33	-96.4%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	1	0	-	2.75	-50.4%	2	1.34	21.6%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	32	9.52	231.7%	11.25	180.8%	19	9.93	92.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	416	251.95	64.9%	582.4	-28.7%	479	358.93	33.5%
RBOB CALENDAR SWAP	RL	479	427.81	11.9%	378.6	26.4%	313	336.13	-6.7%
RBOB CRACK SPREAD	RM	65	29.05	123.8%	2.5	2500.0%	70	50.57	38.8%
RBOB CRACK SPREAD BALMO S	1E	1	0	-	0	-	0	0.12	152.4%
RBOB GASOLINE BALMO CLNDR	1D	68	31.9	113.0%	47.15	44.1%	36	51.86	-30.1%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	1.57	-100.0%	0	-	0	0.36	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	601.19	-100.0%	0	-	55	482.61	-88.6%

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Energy Futures									
RBOB VS HEATING OIL SWAP	RH	27	42.86	-36.4%	114	-76.1%	71	48.48	46.1%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	15.5	-100.0%	6	7.43	-15.7%
SAN JUAN BASIS SWAP	NJ	277	99.76	177.4%	236.1	17.2%	308	117.92	161.0%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	3	2.14	16.7%	0.75	233.3%	3	1.81	44.6%
SINGAPORE 380CST BALMO	BT	6	3.9	40.9%	6.75	-18.5%	7	5.02	34.6%
SINGAPORE 380CST FUEL OIL	SE	451	296.48	52.0%	465.4	-3.2%	332	250.97	32.2%
SINGAPORE FUEL 180CST CAL	UA	37	92.29	-59.6%	53.95	-30.9%	57	87.78	-35.5%
SINGAPORE FUEL OIL SPREAD	SD	30	15	96.7%	28.8	2.4%	27	22.56	19.4%
SINGAPORE GASOIL	MTB	8	2.62	207.2%	8.3	-3.1%	11	5.77	92.8%
SINGAPORE GASOIL	MTS	218	100.57	117.2%	172.2	26.9%	174	119.77	44.9%
SINGAPORE GASOIL	STL	0	0	-	0	-	1	0.59	1.0%
SINGAPORE GASOIL	STZ	0	0	-	0	-	1	0.99	9.1%
SINGAPORE GASOIL BALMO	VU	15	7.14	103.6%	39	-62.7%	14	5.2	162.4%
SINGAPORE GASOIL CALENDAR	MSG	9	0	-	0	-	3	27.15	-88.2%
SINGAPORE GASOIL SWAP	SG	277	18.9	1364.8%	328.1	-15.6%	212	110.89	91.4%
SINGAPORE GASOIL VS ICE	GA	94	0.48	19706.4%	125.4	-24.8%	90	23.72	280.8%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	0	2.17	-84.6%
SINGAPORE JET KERO GASOIL	RK	28	0	-	87.25	-67.4%	34	14.39	136.2%
SINGAPORE JET KEROSENE SW	KS	41	27.14	50.7%	56.5	-27.6%	28	64.68	-57.2%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0.2	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	1	2.38	-52.3%	0	-	17	14.3	19.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	286	89.71	219.3%	290.25	-1.3%	316	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	-	0.25	-9.1%	0	0.04	127.3%
SOCAL BASIS SWAP	NS	0	0	-	0	-	0	0.38	-100.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-	34	1.93	1638.4%
SONAT BASIS SWAP FUTURE	SZ	0	123.71	-100.0%	0	-	2	58.17	-96.2%
SOUTHERN NAT LA NAT GAS	M8	4	0	-	0	-	4	16.92	-78.3%
SOUTH STAR TEX OKLHM KNS	8Z	0	15.71	-100.0%	55.2	-100.0%	8	28.68	-71.4%
Sumas Basis Swap	NK	21	82.57	-74.7%	39.35	-46.9%	85	56.71	50.3%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	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	-24.3%
TCO BASIS SWAP	TC	275	354.9	-22.6%	67.25	308.4%	140	155.65	-9.8%

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Energy Futures									
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	15.43	-100.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	8	12.62	-39.0%
TENNESSEE 500 LEG BASIS S	NM	16	0	-	16.55	-1.1%	6	21.84	-70.3%
TENNESSEE 800 LEG NG BASI	6Z	19	69.71	-72.1%	0	-	7	15.45	-52.6%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	30.2	-100.0%	16	4.08	281.7%
Tetco ELA Basis	TE	0	0	-	0	-	0	5.38	-100.0%
TETCO M-3 INDEX	IX	27	0	-	13.95	95.5%	48	43.73	10.4%
Tetco STX Basis	TX	0	0	-	36.5	-100.0%	10	18.45	-47.7%
TEXAS EASTERN ZONE M-3 BA	NX	435	33.14	1213.0%	426.55	2.0%	391	99.24	294.3%
TEXAS GAS ZONE1 NG BASIS	9F	0	2.86	-100.0%	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	5	28.95	-81.2%	0	-	4	27.57	-84.1%
TRANSCO ZONE4 BASIS SWAP	TR	39	20.38	90.9%	78.35	-50.3%	102	299.94	-65.9%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	37.2	-100.0%	9	4.9	78.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	31	0	-	60.95	-49.7%	42	42.16	0.3%
TRANSCO ZONE 6 INDEX	IT	5	0	-	30.2	-81.9%	37	0.3	12127.2%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-	0	0.48	-100.0%
UCM FUT	UCM	1	2.86	-52.3%	0.5	172.7%	2	2.28	-31.6%
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	0	3.81	-88.1%	2.3	-80.2%	1	4.42	-77.8%
ULSD 10PPM CIF VS ICE GAS	7V	0	0.24	-100.0%	0	-	0	0.1	112.1%
ULSD UP-DOWN BALMO SWP	1L	516	66.67	673.9%	493.1	4.6%	262	179.31	46.1%
UP DOWN GC ULSD VS NMX HO	LT	2,568	1,167.81	119.9%	3,430.2	-25.1%	2,581	1,974.87	30.7%
USGC UNL 87 CRACK SPREAD	RU	0	21.43	-100.0%	0	-	1	14.03	-92.5%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-	0	0.17	-100.0%
WAHA BASIS	NW	175	323.71	-45.9%	344.55	-49.2%	237	161.57	46.5%
WAHA INDEX SWAP FUTURE	IY	22	0	-	31	-29.6%	50	6.77	645.1%
WESTERN RAIL DELIVERY PRB	QP	31	78.57	-60.1%	17.75	76.7%	48	103.64	-53.4%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	546	1,196.19	-54.3%	856	-36.2%	588	1,097.31	-46.4%
WTI CALENDAR	CS	1,029	1,373.48	-25.1%	1,047.1	-1.7%	1,407	1,600.02	-12.1%
WTS (ARGUS) VS WTI SWAP	FF	305	164.71	85.4%	22.5	1257.6%	84	240.85	-64.9%
WTS (ARGUS) VS WTI TRD MT	FH	39	146.67	-73.5%	50.5	-23.0%	51	76.89	-33.2%

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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	27	73.81	-63.0%	0	-	67	605.34	-88.9%
BRENT OIL LAST DAY	BE	182	128.57	41.4%	257.5	-29.4%	205	207.99	-1.5%
BRENT OIL LAST DAY	BZO	1,285	0	-	1,330.1	-3.4%	745	2.85	26073.7%
BRENT OIL LAST DAY	OS	27	129.19	-78.7%	35.2	-22.0%	71	218.15	-67.5%
COAL API2 INDEX	CLA	138	508.95	-73.0%	183.5	-25.1%	287	261.75	9.5%
COAL API2 INDEX	CQA	39	248.1	-84.4%	35	10.4%	609	397.83	53.1%
COAL API2 INDEX	MTC	0	0	-	0	-	1	0.6	50.5%
COAL API4 INDEX	RLA	0	1.19	-100.0%	0	-	0	5.53	-94.6%
COAL API4 INDEX	RQA	0	11.9	-100.0%	0	-	8	2.37	235.8%
COAL SWAP	CPF	9	5.95	52.7%	0	-	4	2.89	21.4%
COAL SWAP	RPF	0	0	-	0	-	1	15.14	-96.6%
CRUDE OIL 1MO	WA	10,860	14,082.38	-22.9%	16,501.05	-34.2%	11,758	9,324.93	26.1%
CRUDE OIL APO	AO	1,983	1,635.48	21.3%	999.65	98.4%	1,299	2,856.53	-54.5%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	AH	52	0	-	0	-	14	85.38	-83.9%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	3.56	-100.0%
CRUDE OIL PHY	CD	116	27.38	323.3%	65	78.3%	167	70.75	135.9%
CRUDE OIL PHY	LC	562	2,493.29	-77.4%	1,189.9	-52.7%	1,694	1,924.91	-12.0%
CRUDE OIL PHY	LO	172,639	198,257.29	-12.9%	170,729.55	1.1%	177,658	156,628.74	13.4%
CRUDE OIL PHY	LO1	443	375.81	17.9%	199.55	122.1%	269	200.65	33.9%
CRUDE OIL PHY	LO2	162	162.29	-0.3%	148.35	9.1%	197	159.28	23.7%
CRUDE OIL PHY	LO3	234	204.48	14.5%	0	-	116	98.22	18.3%
CRUDE OIL PHY	LO4	196	147.05	33.3%	150.5	30.3%	202	119.77	68.2%
CRUDE OIL PHY	LO5	0	0	-	233.6	-100.0%	93	60.55	53.8%
DAILY CRUDE OIL	DNM	0	0	-	0	-	0	31.62	-100.0%
ELEC FINSETTLED	PML	1	0.29	122.8%	2.5	-74.5%	1	0.15	782.1%
ELEC MISO PEAK	9T	0	0	-	0	-	15	10.04	53.9%
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	248	148.29	67.5%	219.6	13.1%	264	288.51	-8.4%
ETHANOL SWAP	GVR	0	0	-	21.5	-100.0%	14	15.55	-10.7%
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	-	5	0.49	956.8%
HEATING OIL PHY	LB	31	22.71	38.1%	64.4	-51.3%	20	24.53	-19.5%
HEATING OIL PHY	OH	1,871	2,265.1	-17.4%	2,493.25	-25.0%	2,619	2,397.86	9.2%
HENRY HUB FINANCIAL LAST	E7	25	73.05	-65.8%	100.15	-75.1%	95	93.52	1.8%
HO 1 MONTH CLNDR OPTIONS	FA	0	61.9	-100.0%	0	-	34	13.83	146.7%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	14.72	-100.0%
LLS CRUDE OIL	WJO	27	0	-	120	-77.3%	70	16.13	335.6%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	15	-100.0%	54	35.55	51.5%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-	14	7.41	92.7%
NATURAL GAS	G10	0	0	-	0	-	3	0	-
NATURAL GAS 12 M CSO FIN	G7	0	23.81	-100.0%	0	-	0	10.28	-100.0%
NATURAL GAS 1 M CSO FIN	G4	320	330.95	-3.2%	150	113.6%	261	1,073.97	-75.7%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-	6	19.57	-69.4%
NATURAL GAS 3 M CSO FIN	G3	710	1,087.86	-34.7%	851.85	-16.6%	1,032	258.68	299.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	7	10.67	-32.7%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	0	-	25	185.38	-86.8%
NATURAL GAS OPTION ON CALENDAR STR	6J	120	25.71	364.9%	45	165.7%	96	51.46	86.3%
NATURAL GAS PHY	KD	1,157	820.24	41.0%	863.75	33.9%	1,547	1,072.45	44.2%
NATURAL GAS PHY	LN	88,168	54,515.38	61.7%	97,804.55	-9.9%	91,763	77,448.58	18.5%
NATURAL GAS PHY	ON	11,904	7,473.62	59.3%	15,604.65	-23.7%	13,332	11,975.07	11.3%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0	-
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	33	47.43	-31.0%	36	-9.1%	25	25.41	-0.3%
NY HARBOR HEAT OIL SWP	AT	229	622.33	-63.2%	340.95	-32.9%	283	655.77	-56.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	3	2.17	15.7%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	5.78	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	1.03	-100.0%
PETROCHEMICALS	4H	43	63.29	-31.8%	21.6	99.7%	62	52.73	18.3%
PETROCHEMICALS	4I	0	0	-	0	-	0	0	-
PETROCHEMICALS	4J	0	0	-	54.75	-100.0%	27	7.27	266.8%
PETROCHEMICALS	4K	41	0	-	0	-	5	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	3	0.06	5260.0%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	0	0.71	-100.0%

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Energy Options									
PGE CITYGATE PIPE SWAP	CW	0	0	-	0	-	0	0	-
PJM CALENDAR STRIP	6O	0	7.62	-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	8	8.57	-9.8%	14	-44.8%	4	0.79	346.9%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	62	0	-
PJM WES HUB PEAK LMP 50MW	PMA	332	0	-	10.75	2987.1%	55	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-	20	0	-
RBOB CALENDAR SWAP	RA	14	90.86	-85.0%	0	-	37	85.57	-57.3%
RBOB PHY	OB	1,215	1,703.48	-28.7%	1,018	19.3%	1,872	1,374.66	36.2%
RBOB PHY	RF	0	7.14	-100.0%	0	-	0	21.5	-99.4%
ROTTERDAM 3.5%FUEL OIL CL	Q6	5	0	-	0	-	3	2.43	28.1%
SAN JUAN PIPE SWAP	PJ	70	34.67	101.4%	36	93.9%	47	20.13	133.5%
SHORT TERM	U11	30	23.81	24.1%	5	490.9%	13	13.87	-2.9%
SHORT TERM	U12	25	7.14	250.0%	30	-16.7%	20	8.16	144.3%
SHORT TERM	U13	0	9.52	-100.0%	5	-100.0%	20	10.02	103.8%
SHORT TERM	U14	0	0	-	40	-100.0%	26	6.62	300.2%
SHORT TERM	U15	28	0	-	6.25	354.5%	16	10.87	43.2%
SHORT TERM	U22	23	0	-	25	-9.1%	17	6.17	179.2%
SHORT TERM	U23	18	0	-	0	-	6	9.74	-33.6%
SHORT TERM	U24	18	25	-27.3%	0	-	11	8.32	28.1%
SHORT TERM	U25	14	15.48	-11.9%	0	-	3	3.95	-23.5%
SHORT TERM	U26	0	0	-	0	-	7	4.25	73.3%
SHORT TERM CRUDE OIL	C02	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	0	16.67	-100.0%	15	-100.0%	20	7.33	167.5%
SHORT TERM NATURAL GAS	U02	8	0	-	0	-	19	23.77	-18.1%
SHORT TERM NATURAL GAS	U03	10	0	-	0	-	6	12.25	-53.8%
SHORT TERM NATURAL GAS	U04	73	3.57	1936.4%	0	-	25	9.21	166.6%
SHORT TERM NATURAL GAS	U05	18	16.67	9.1%	15	21.2%	16	8.7	87.7%
SHORT TERM NATURAL GAS	U06	0	35.71	-100.0%	5	-100.0%	12	9.19	25.8%
SHORT TERM NATURAL GAS	U07	0	19.05	-100.0%	15	-100.0%	21	11.54	81.6%
SHORT TERM NATURAL GAS	U08	53	0	-	0	-	19	7.81	147.1%
SHORT TERM NATURAL GAS	U09	27	0	-	0	-	24	21.47	11.4%
SHORT TERM NATURAL GAS	U10	20	19.05	2.6%	0	-	24	14.82	61.4%
SHORT TERM NATURAL GAS	U16	0	0	-	0	-	20	11.96	65.8%
SHORT TERM NATURAL GAS	U17	8	7.14	11.4%	0	-	6	7.85	-27.1%

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Energy Options									
SHORT TERM NATURAL GAS	U18	33	9.52	246.0%	26.25	25.5%	17	4.35	286.3%
SHORT TERM NATURAL GAS	U19	9	16.67	-45.5%	0	-	8	12.53	-38.8%
SHORT TERM NATURAL GAS	U20	0	16.67	-100.0%	0	-	6	6.84	-9.8%
SHORT TERM NATURAL GAS	U21	0	9.52	-100.0%	5	-100.0%	3	9.29	-62.9%
SHORT TERM NATURAL GAS	U27	0	0	-	5	-100.0%	5	4.84	11.3%
SHORT TERM NATURAL GAS	U28	0	0	-	62.5	-100.0%	20	1.78	1002.5%
SHORT TERM NATURAL GAS	U29	3	0	-	11.25	-69.7%	15	6.32	139.1%
SHORT TERM NATURAL GAS	U30	11	0	-	0	-	5	16.11	-68.4%
SHORT TERM NATURAL GAS	U31	5	2.38	90.9%	0	-	5	1.5	238.9%
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	57.14	-100.0%	0	-	0	5.93	-100.0%
SOCAL PIPE SWAP	ZN	0	0	-	0	-	60	0	-
WTI 12 MONTH CALENDAR OPT	WZ	0	0	-	0	-	0	7.91	-100.0%
WTI-BRENT BULLET SWAP	BV	691	458.33	50.8%	717.5	-3.6%	910	1,060.71	-14.2%
WTI CRUDE OIL 1 M CSO FI	7A	2,032	10,425	-80.5%	5,450	-62.7%	7,318	7,294.69	0.3%
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	23	10.29	127.6%	9.1	157.2%	12	7.18	69.5%
COFFEE	KT	0	4.19	-93.5%	0.3	-9.1%	1	2.51	-65.9%
COTTON	TT	3	5.95	-43.5%	6.2	-45.7%	3	2.31	40.9%
SUGAR 11	YO	1	2.33	-57.1%	2.7	-63.0%	2	6.21	-61.4%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		28	22.76	23.2%	18.3	53.3%	19	18.21	2.6%
Energy Futures		1,941,213	1,817,820.81	6.8%	1,886,843.9	2.9%	2,055,823	1,689,389.83	21.7%
Metals Futures		383,905	344,392.95	11.5%	465,393.05	-17.5%	415,525	308,947.8	34.5%
TOTAL FUTURES		2,325,146	2,162,236.52	7.5%	2,352,255.25	-1.2%	2,471,366.43	1,998,355.84	23.7%

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TOTAL OPTIONS GROUP								
Energy Options	298,682	299,121.43	-0.1%	318,385.45	-6.2%	317,975	279,234.75	13.9%
Metals Options	33,079	36,640.48	-9.7%	37,295	-11.3%	44,709	35,518.11	25.9%
TOTAL OPTIONS	331,762	335,761.91	-1.2%	355,680.45	-6.7%	362,684.61	314,752.86	15.2%
TOTAL COMBINED								
Metals	416,984	381,033.43	9.4%	502,688.05	-17.0%	460,234	344,465.91	33.6%
Energy	2,239,895	2,116,942.24	5.8%	2,205,229.35	1.6%	2,373,798	1,968,624.58	20.6%
Commodities and Alternative Investments	28	22.76	23.2%	18.3	53.3%	19	18.21	2.6%
GRAND TOTAL	2,656,907	2,497,998.43	6.4%	2,707,935.7	-1.9%	2,834,051.04	2,313,108.7	22.5%