

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV MAY 2016	ADV MAY 2015	% CHG	ADV APR 2016	% CHG	ADV Y.T.D 2016	ADV Y.T.D 2015	% CHG
Metals Futures									
COMEX GOLD	GC	280,006	186,073.95	50.5%	185,831.24	50.7%	232,760	165,404.5	40.7%
NYMEX HOT ROLLED STEEL	HR	110	204.2	-46.3%	408.38	-73.1%	246	232.48	5.8%
NYMEX PLATINUM	PL	11,898	10,585.5	12.4%	11,845.62	0.4%	14,163	14,391.87	-1.6%
PALLADIUM	PA	6,790	6,555.25	3.6%	4,470.81	51.9%	5,579	5,313.94	5.0%
URANIUM	UX	50	0.05	100280.8%	53.33	-5.9%	59	17.98	229.1%
COMEX SILVER	SI	56,361	44,317.15	27.2%	94,003.19	-40.0%	68,202	53,179.47	28.2%
COMEX E-Mini GOLD	QO	549	275	99.6%	556.76	-1.4%	513	263.87	94.6%
COMEX E-Mini SILVER	QI	59	32.1	82.3%	66.14	-11.5%	47	38.83	20.2%
COMEX COPPER	HG	72,521	53,932.35	34.5%	96,135.43	-24.6%	79,923	67,138.56	19.0%
COMEX MINY COPPER	QC	19	21.5	-13.2%	25.14	-25.8%	31	36.25	-13.7%
Aluminium MW Trans Prem Platts	AUP	197	209.75	-6.2%	278.71	-29.4%	287	148.01	94.2%
ALUMINUM	AEP	18	0	-	80.71	-77.6%	52	18.38	183.0%
ALUMINUM	ALI	25	21	18.1%	36.05	-31.2%	28	15.98	75.7%
ALUMINUM	EDP	33	0	-	6.86	375.0%	9	0	-
ALUMINUM	MJP	42	0	-	7.67	441.6%	31	0	-
COPPER	HGS	2	5.65	-66.3%	24	-92.1%	21	25.84	-19.0%
E-MICRO GOLD	MGC	4,943	1,266.65	290.3%	4,150.14	19.1%	4,410	1,611.24	173.7%
FERROUS PRODUCTS	BUS	1	0	-	18.57	-92.3%	4	2.21	84.9%
FERROUS PRODUCTS	SSF	0	0	-	0	-	0	0	-
Gold Kilo	GCK	177	281.75	-37.3%	183.86	-3.9%	272	202.91	34.1%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	61	0	-	0	-	24	10.33	132.2%
IRON ORE 62 CHINA TSI FUTURES	TIO	567	589.9	-3.9%	946.33	-40.1%	988	538.17	83.6%
LNDN ZINC	ZNC	2	0	-	0	-	1	1.53	-26.8%
SILVER	SIL	331	256	29.5%	473.24	-30.0%	365	355.47	2.6%

Metals Options

COMEX COPPER	HX	155	57.35	170.3%	101.05	53.4%	108	107.16	0.4%
COMEX GOLD	OG	38,938	26,726.85	45.7%	32,001.81	21.7%	41,798	29,780.74	40.4%
COMEX SILVER	SO	4,826	5,178.45	-6.8%	7,353.43	-34.4%	5,506	4,840.57	13.7%
COPPER	H4E	0	0	-	0	-	0	0.04	-100.0%
GOLD	OG1	50	10.65	369.5%	24	108.3%	49	24.18	100.8%
GOLD	OG2	46	37.6	22.5%	16.33	181.9%	51	29.7	73.0%
GOLD	OG3	67	21.8	209.1%	33.43	101.6%	45	22.26	103.4%

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GOLD	OG4	27	12.8	112.8%	39.76	-31.5%	27	12.79	112.1%
GOLD	OG5	0	10.4	-100.0%	50.19	-100.0%	18	5.16	240.7%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	26	3	773.0%	220.76	-88.1%	307	96.28	218.4%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	138	120	14.8%	140	-1.6%	157	194.45	-19.5%
NYMEX PLATINUM	PO	268	179.05	49.9%	200.48	33.9%	233	230.34	1.1%
PALLADIUM	PAO	81	156.05	-48.1%	95.43	-15.2%	138	169.89	-18.5%
SILVER	SO1	0	0	-	0	-	0	1.69	-93.1%
SILVER	SO2	0	0	-	0	-	0	0.75	-98.7%
SILVER	SO3	0	0	-	0	-	0	0.77	-93.7%
SILVER	SO4	0	0	-	0.05	-100.0%	0	0.56	-84.3%
SILVER	SO5	0	0	-	0.05	-100.0%	0	0.8	-92.7%

Energy Futures

CRUDE OIL PHY	CL	1,023,525	677,646.5	51.0%	1,124,478.95	-9.0%	1,120,186	799,218.94	40.2%
CRUDE OIL	WS	41	190.55	-78.7%	234.76	-82.7%	701	794.74	-11.8%
MINY WTI CRUDE OIL	QM	14,942	10,189.85	46.6%	13,998.14	6.7%	15,266	12,448.6	22.6%
BRENT OIL LAST DAY	BZ	84,681	77,694.85	9.0%	106,839.43	-20.7%	105,499	103,759.2	1.7%
HEATING OIL PHY	HO	164,390	130,826.5	25.7%	156,478.76	5.1%	156,727	146,035.65	7.3%
HTG OIL	BH	2	0	-	206.9	-99.2%	51	8.48	495.4%
MINY HTG OIL	QH	0	0.6	-44.5%	0.38	-12.5%	0	0.39	0.2%
RBOB PHY	RB	184,482	155,696.8	18.5%	168,887.86	9.2%	178,140	159,296.83	11.8%
MINY RBOB GAS	QU	0	0.25	-42.8%	0.19	-25.0%	0	0.23	-13.8%
NATURAL GAS	HP	5,045	3,876.95	30.1%	4,524.1	11.5%	5,205	4,221.02	23.3%
LTD NAT GAS	HH	8,488	11,656.5	-27.2%	10,807.29	-21.5%	11,610	11,452.83	1.4%
MINY NATURAL GAS	QG	1,082	956.25	13.2%	1,095.9	-1.2%	1,203	1,305.13	-7.9%
PJM MONTHLY	JM	93	0	-	3.05	2962.5%	26	29.11	-10.7%
NATURAL GAS PHY	NG	337,622	333,160.85	1.3%	397,624	-15.1%	355,014	323,211.43	9.8%
RBOB GAS	RT	48	58.5	-18.6%	64.1	-25.7%	62	71.39	-13.1%
3.5% FUEL OIL CID MED SWA	7D	10	0.5	1890.5%	18.71	-46.8%	15	3.54	310.9%
3.5% FUEL OIL CIF BALMO S	8D	1	0	-	0.95	50.0%	2	0.6	164.9%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	2.62	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	3.72	-100.0%

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Energy Futures									
ALCON CITY GATES NAT GAS	N7	117	0	-	81.52	43.0%	40	0	-
ALCONQUIN CITYGATES BASIS	B4	14	0	-	29.05	-50.5%	32	5.61	470.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	11.84	-100.0%
ANR OKLAHOMA	NE	11	12.3	-7.1%	0	-	31	45.51	-32.4%
APPALACHIAN COAL (PHY)	QL	1	17.8	-93.3%	1.67	-28.6%	1	10.48	-88.0%
ARGUS LLS VS. WTI (ARG) T	E5	905	496.55	82.3%	404.71	123.7%	673	387.82	73.5%
ARGUS PROPAN FAR EST INDE	7E	97	22.7	327.7%	116.71	-16.8%	74	22.89	222.7%
ARGUS PROPAN(SAUDI ARAMCO	9N	59	21.5	173.3%	42.1	39.6%	48	28.17	69.3%
AUSTRIALIAN COKE COAL	ALW	54	9.9	443.5%	21.48	150.6%	25	7.47	230.2%
BRENT BALMO SWAP	J9	2	17.9	-89.4%	0	-	7	19.19	-61.0%
BRENT CALENDAR SWAP	CY	79	217.65	-63.9%	127.14	-38.2%	116	234.16	-50.5%
BRENT CFD SWAP	6W	0	0	-	0	-	0	3.75	-100.0%
BRENT FINANCIAL FUTURES	BB	0	348.4	-100.0%	26.62	-100.0%	17	291.68	-94.2%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	14	4.4	207.4%
BRENT FINANCIAL FUTURES	MDB	8	0	-	4.1	88.4%	3	1.54	94.0%
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	340	49.5	587.3%	17.86	1805.3%	104	57.85	80.1%
CENTERPOINT BASIS SWAP	PW	81	612.25	-86.8%	316	-74.4%	87	89.91	-3.1%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	2.68	-100.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	-	0	0.13	-100.0%
CHICAGO ETHANOL SWAP	CU	4,233	5,855.75	-27.7%	4,484.19	-5.6%	4,392	3,956.88	11.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	0	14	-100.0%	11.52	-100.0%	13	17.4	-27.9%
CHICAGO UNL GAS PL VS RBO	3C	8	1.25	566.7%	0	-	16	1.36	1039.2%
CIG BASIS	CI	786	201	291.3%	178.52	340.5%	412	189.41	117.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	9	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	1	2.49	-76.6%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0.16	-100.0%
CIN HUB 5MW D AH O PK	K2	0	0	-	1,142.86	-100.0%	1,582	705.77	124.1%
CIN HUB 5MW D AH PK	H5	18	21.6	-16.2%	0	-	110	41.81	164.2%
CIN HUB 5MW REAL TIME O P	H4	4,465	0	-	1,523.81	193.0%	6,645	3,113.64	113.4%
CIN HUB 5MW REAL TIME PK	H3	151	0	-	81.43	86.0%	489	81.89	497.7%
COAL SWAP	ACM	1	24.25	-97.1%	7.86	-90.9%	16	16.28	-0.4%
COAL SWAP	SSI	1	22.3	-96.8%	2.14	-66.7%	1	12.5	-89.4%
COLUMB GULF MAINLINE NG B	5Z	0	167.8	-100.0%	90.57	-100.0%	131	101.64	29.0%

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COLUMBIA GULF MAIN NAT G	L2	0	0	-	105.14	-100.0%	21	13.36	60.5%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-	0	1.93	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	30	18.27	65.2%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	4	1	257.1%	5.43	-34.2%	10	4.08	145.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	4	1.25	185.7%	9.71	-63.2%	3	7.76	-55.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	185	375.5	-50.7%	392.81	-52.9%	289	220.14	31.3%
CRUDE OIL	LPS	189	75	151.9%	257.33	-26.6%	259	120.74	114.9%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	10	19.4	-49.9%	2.1	363.6%	4	47.56	-91.2%
CRUDE OIL OUTRIGHTS	DBL	0	487.75	-100.0%	0	-	0	128.9	-99.6%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	0	0.93	-100.0%
CRUDE OIL OUTRIGHTS	HTT	40	0	-	58.67	-32.6%	32	0	-
CRUDE OIL OUTRIGHTS	WCC	278	205.75	35.3%	274.19	1.5%	297	251.08	18.5%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	3	1.19	166.1%
CRUDE OIL SPRDS	WTT	19	1.5	1138.1%	72.29	-74.3%	48	29.81	60.8%
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	130	0	-	0	-	26	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	290.1	-100.0%	0	-	0	93.51	-100.0%
DATED TO FRONTLINE BRENT	FY	60	179.5	-66.8%	181.9	-67.3%	79	136.86	-42.5%
DEMARC INDEX FUTURE	DI	9	0	-	0	-	2	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.04	145.8%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	IH	139	0	-	125.48	10.8%	136	10.12	1239.4%

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DOMINION TRANSMISSION INC	PG	993	273.25	263.5%	1,220.9	-18.6%	972	348.13	179.2%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	0.4	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	45	193.4	-76.5%	58.33	-22.1%	49	186.66	-73.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	0	3.32	-100.0%
EASTERN RAIL DELIVERY CSX	QX	59	297.75	-80.3%	43.33	35.2%	51	159.71	-68.2%
EAST/WEST FUEL OIL SPREAD	EW	1	9.25	-89.7%	0	-	1	9.28	-94.1%
EIA FLAT TAX ONHWAY DIESE	A5	31	39.6	-20.8%	41	-23.5%	62	37.31	67.1%
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	-	12	6.06	103.4%
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	-	228	110.92	105.5%
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	-	0	-	4	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	0	-	0	-	42	113.82	-63.5%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-	2	12.06	-81.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	142	147	-3.2%	144.43	-1.5%	112	116.11	-3.1%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	-	0	-	0	0	-
EURO 1% FUEL OIL NEW BALM	KX	0	0.5	-100.0%	0	-	2	0.52	293.7%
EURO 3.5% FUEL OIL RDAM B	KR	11	15.5	-26.6%	27	-57.8%	16	25.16	-35.3%
EURO 3.5% FUEL OIL SPREAD	FK	25	56.25	-55.6%	23.14	8.0%	29	42.71	-31.6%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	11	-100.0%	0	-	1	10.62	-93.6%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.06	-47.4%
EURO GASOIL 10PPM VS ICE	ET	0	0.8	-70.2%	5.71	-95.8%	3	4.21	-30.7%
EUROPE 1% FUEL OIL NWE CA	UF	3	5.5	-36.8%	7.05	-50.7%	7	7.59	-3.2%

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EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0.62	-100.0%	1	0.66	68.7%
EUROPE 3.5% FUEL OIL MED	UI	14	1	1338.1%	27.86	-48.4%	20	5.57	263.0%
EUROPE 3.5% FUEL OIL RDAM	UV	288	323.45	-10.8%	263.76	9.4%	315	389.23	-19.0%
EUROPEAN GASOIL (ICE)	7F	4,653	319.7	1355.6%	7,519.48	-38.1%	13,260	3,046.56	335.2%
EUROPEAN NAPHTHA BALMO	KZ	4	5.8	-25.3%	7.24	-40.1%	7	3.9	81.6%
EUROPEAN NAPHTHA CRACK SPR	EN	288	629.1	-54.3%	160.43	79.3%	196	308.02	-36.2%
EUROPE DATED BRENT SWAP	UB	116	0	-	2.38	4759.9%	138	154.27	-10.3%
EUROPE JET KERO NWE CALSW	UJ	0	1.05	-100.0%	0	-	0	1.97	-81.3%
EUROPE NAPHTHA CALSWAP	UN	52	67.2	-23.0%	62.48	-17.2%	55	59.16	-6.3%
EURO PROPANE CIF ARA SWA	PS	61	15.2	300.4%	74.38	-18.2%	53	19.52	170.6%
FLORIDA GAS ZONE3 BASIS S	FP	4	30.4	-85.9%	8.76	-51.1%	8	57.35	-86.0%
FREIGHT MARKETS	FLP	15	1.35	993.5%	9.14	61.5%	11	3.02	272.0%
FUEL OIL CRACK VS ICE	FO	164	147.55	11.1%	229.05	-28.4%	197	175.82	12.1%
FUEL OIL NWE CRACK VS ICE	FI	2	0	-	0	-	0	1.21	-74.3%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	2	1.04	49.8%
FUEL OIL (PLATS) CAR CN	1X	0	1	-100.0%	0	-	1	0.81	-35.6%
FUELOIL SWAP:CARGOES VS.B	FS	15	4.75	221.8%	22.1	-30.8%	24	18.4	33.1%
GAS EURO-BOB OXY NWE BARGES	7H	375	340.4	10.1%	366.43	2.3%	379	318.24	19.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	525	907.5	-42.1%	622.38	-15.6%	719	813.04	-11.6%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0.24	-100.0%	0	0.04	47.6%
GASOIL 0.1 CARGOES CIF NE	TW	0	0.5	-100.0%	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	1	0	-	0	-	1	0.2	268.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	1	0.97	-20.1%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0.75	-100.0%	0	-	0	1.05	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0.24	-100.0%	0	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.04	22.8%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0.48	-40.0%	1	0.71	-24.9%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.5	-100.0%	0	-	0	0.04	-100.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.2	-50.9%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.13	-77.7%
GASOIL 10PPM VS ICE SWAP	TP	4	5.75	-33.7%	0	-	1	5.77	-77.5%
GASOIL CALENDAR SWAP	GX	2	1	52.4%	6.29	-75.8%	2	1.04	116.7%
GASOIL CRACK SPREAD CALEN	GZ	615	84.75	626.1%	184.76	233.1%	198	153.56	28.9%
GASOIL MINI CALENDAR SWAP	QA	17	10.45	67.2%	8.24	112.1%	13	13.13	0.9%
GASOLINE UP-DOWN BALMO SW	1K	0	26	-100.0%	0	-	8	24.29	-67.6%

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Energy Futures									
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	86	86.1	-0.4%	75.71	13.2%	105	181.85	-42.4%
GRP THREE UNL GS (PLT) VS	A8	42	73.75	-43.5%	35.71	16.7%	55	74.26	-26.6%
GULF COAST 3% FUEL OIL BA	VZ	41	36.85	11.6%	48.33	-14.9%	48	49.13	-2.9%
GULF COAST GASOLINE CLNDR	GS	0	20	-100.0%	0	-	13	28.72	-56.0%
GULF COAST JET FUEL CLNDR	GE	3	11.8	-77.4%	19.52	-86.3%	6	14.5	-60.6%
GULF COAST JET VS NYM 2 H	ME	1,544	925.5	66.8%	1,529.33	1.0%	1,563	1,065.74	46.7%
GULF COAST NO.6 FUEL OIL	MF	2,564	3,279.4	-21.8%	2,680.95	-4.4%	2,926	3,207.63	-8.8%
GULF COAST NO.6 FUEL OIL	MG	5	51.85	-90.8%	3.43	38.9%	43	69.29	-37.8%
GULF COAST ULSD CALENDAR	LY	30	33	-10.0%	39.76	-25.3%	44	34.44	27.2%
GULF COAST ULSD CRACK SPR	GY	36	45	-20.3%	71.29	-49.7%	41	15.65	160.5%
HEATING OIL BALMO CLNDR S	1G	4	1.5	138.1%	2.14	66.7%	3	7.17	-60.1%
HEATING OIL CRCK SPRD BAL	1H	1	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	719	484.9	48.3%	2,058.38	-65.1%	1,293	584.46	121.3%
HENRY HUB INDEX SWAP FUTU	IN	719	490.9	46.4%	2,006	-64.2%	1,224	439.06	178.7%
HENRY HUB SWAP	NN	15,709	26,338.45	-40.4%	22,132.1	-29.0%	23,864	21,070.38	13.3%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	3	4.74	-40.6%
HOUSTON SHIP CHANNEL BASI	NH	345	217.6	58.6%	5.9	5745.9%	195	191.68	1.8%
HOUSTON SHIP CHANNEL INDE	IP	0	9	-100.0%	0	-	0	0.71	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	16.1	-100.0%
ICE BRENT DUBAI SWAP	DB	0	37.5	-100.0%	0	-	0	49.57	-99.8%
IN DELIVERY MONTH EUA	6T	401	578	-30.6%	86.95	361.4%	221	413.45	-46.6%
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	5	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	0	3.5	-86.4%	0	-	1	7.13	-90.5%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.08	145.5%

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Energy Futures									
JAPAN C&F NAPHTHA CRACK S	JB	0	6.1	-100.0%	10.9	-100.0%	21	12.79	62.5%
JAPAN C&F NAPHTHA SWAP	JA	56	54.15	4.1%	42.19	33.6%	57	46.55	22.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	3.8	-96.2%	0.95	-85.0%	3	2	41.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	2	1.55	10.6%	0.9	89.5%	1	1.1	-29.6%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.06	260.2%
JET CIF NWE VS ICE	JC	6	5.3	22.2%	5.48	18.3%	4	5.04	-16.0%
JET FUEL BRG FOB RDM VS I	9Q	0	0.5	-100.0%	0	-	0	0.16	-87.7%
JET FUEL CRG CIF NEW VS I	6X	0	0.85	-100.0%	0	-	0	0.19	56.8%
JET FUEL UP-DOWN BALMO CL	1M	155	152.25	1.9%	227.29	-31.7%	185	152.02	21.8%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0.92	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	48	81	-40.6%	44.52	8.0%	40	30.3	33.4%
LA CARBOB GASOLINE(OPIS)S	JL	17	27.5	-39.4%	10.71	55.6%	42	23.52	79.6%
LA JET FUEL VS NYM NO 2 H	MQ	3	0	-	1.19	160.0%	7	2.13	241.2%
LA JET (OPIS) SWAP	JS	75	87.5	-13.7%	83.33	-9.4%	85	42.77	98.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	737	92.25	699.1%	233.81	215.3%	396	435.4	-9.1%
MARS (ARGUS) VS WTI SWAP	YX	230	101	127.3%	223.81	2.6%	295	292.73	0.9%
MARS (ARGUS) VS WTI TRD M	YV	421	44.5	846.0%	326.9	28.8%	435	67.23	547.2%
MARS BLEND CRUDE OIL	MB	112	0	-	20.86	435.4%	66	0	-
MCCLOSKEY ARA ARGS COAL	MTF	7,593	4,528	67.7%	9,254.29	-17.9%	9,561	8,425.86	13.5%
MCCLOSKEY RCH BAY COAL	MFF	444	818.3	-45.8%	897.48	-50.6%	1,083	1,122.24	-3.5%
MGF FUT	MGF	0	0	-	1.9	-100.0%	1	0.34	185.6%
MGN1 SWAP FUT	MGN	7	2.85	145.6%	5.29	32.4%	8	7.52	3.6%
MICHIGAN BASIS	NF	240	0	-	180.29	33.3%	122	25.91	371.4%
MICHIGAN MISO	HMO	0	0	-	0	-	1,239	480	158.2%
MICHIGAN MISO	HMW	0	0	-	0	-	70	26.86	161.7%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	14	27.65	-49.2%	20.29	-30.8%	18	13.79	30.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	6.75	-100.0%	0	-	7	18.98	-64.4%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	70	21	234.7%	52.81	33.1%	57	34.65	65.2%
MJB FUT	MJB	0	0	-	0	-	0	0.04	-100.0%
MJC FUT	MJC	4	12	-67.9%	3.33	15.7%	4	3.08	41.4%
MNC FUT	MNC	123	206	-40.3%	201.81	-39.1%	184	201.2	-8.4%
MONT BELVIEU ETHANE 5 DECIMAL	C0	2,329	504.5	361.6%	2,358.29	-1.2%	1,883	366.58	413.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	6.25	-100.0%	3.1	-100.0%	5	10.93	-57.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	5,621	2,253.9	149.4%	4,047.43	38.9%	4,549	2,437.12	86.7%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	38	50.25	-25.1%	5.1	638.3%	27	31.14	-13.1%

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Energy Futures									
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	434	212.35	104.3%	305.19	42.2%	447	256.64	74.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	5	22.5	-78.8%	10.14	-53.1%	9	16.44	-44.6%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	871	630.15	38.3%	830.38	4.9%	1,134	828.39	36.9%
MONT BELVIEU NORMAL BUTANE BALMO	8J	29	15.2	90.2%	7.86	267.9%	29	21.44	35.3%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-	0	0.16	-100.0%
NAT GAS BASIS SWAP	TZ6	159	15.2	948.9%	180.29	-11.6%	130	20.69	528.0%
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	209	0	-	0	-	48	0	-
NATURAL GAS PEN SWP	NP	4,467	9,309.55	-52.0%	3,818.05	17.0%	5,182	8,695.84	-40.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	567.86	-100.0%	116	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	30.24	-100.0%	6	0	-
NEPOOL INTR HUB 5MW D AH	H2	2,229	680.25	227.6%	567.86	292.5%	1,008	1,261.42	-20.1%
NEPOOL INTR HUB 5MW D AH	U6	183	80.75	126.4%	30.24	504.7%	71	80.59	-11.9%
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	11	-100.0%	0	-	6	5.47	13.5%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-	0	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-	0	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	80.75	-100.0%	0	-	0	43.75	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	680.25	-100.0%	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	368	-100.0%	0	-	39	175.37	-77.9%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	16	6.72	143.5%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	28	131	-78.7%	51.9	-46.3%	92	47.71	91.8%
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	95	35.1	169.7%	248.67	-61.9%	202	199.95	1.0%
NGPL MIDCONTINENT INDEX	IW	41	0	-	0	-	50	1.19	4116.6%

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Energy Futures									
NGPL TEX/OK	PD	24	785	-96.9%	94.48	-74.1%	200	333.11	-40.0%
NGPL TEXOK INDEX	OI	3	0	-	0	-	1	4.53	-87.1%
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	0	5	-100.0%	4.76	-100.0%	23	15.94	44.6%
NORTHERN NATURAL GAS DEMAR	PE	26	16.7	56.3%	32.57	-19.9%	15	23.37	-33.7%
NORTHERN NATURAL GAS VENTU	PF	55	31.95	71.7%	117.48	-53.3%	51	22.62	124.4%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0.4	-100.0%
NORTHWEST ROCKIES BASIS S	NR	1,356	205.85	558.7%	1,124.57	20.6%	1,064	537.3	97.9%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	3.92	-100.0%
NY1% VS GC SPREAD SWAP	VR	166	73.15	126.5%	104.19	59.0%	111	109.28	2.0%
NY 2.2% FUEL OIL (PLATTS	Y3	0	3.75	-100.0%	0	-	2	3.87	-52.6%
NY 3.0% FUEL OIL (PLATTS	H1	4	20	-82.1%	5.95	-40.0%	8	20.73	-62.5%
NY HARBOR 1% FUEL OIL BAL	VK	0	7.95	-100.0%	0	-	0	2.1	-86.1%
NY HARBOR HEAT OIL SWP	MP	77	168.95	-54.5%	44.14	74.1%	131	212.5	-38.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	40	11.25	251.7%	82.14	-51.8%	36	15.98	123.7%
NY HARBOR RESIDUAL FUEL 1	MM	106	158.35	-33.0%	144.57	-26.6%	202	245.38	-17.7%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-	0	0.4	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	252	51.5	390.2%	42.67	491.7%	99	123.39	-19.4%
NY H OIL PLATTS VS NYMEX	YH	0	5	-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	NNC	18	15	17.5%	1.43	1133.3%	9	14.72	-38.2%
NYISO CAPACITY	NRS	18	34.5	-47.8%	8.81	104.3%	11	20.43	-46.0%
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	-	4.1	-100.0%	2	12.81	-87.0%
NYISO J OFF-PEAK	KK	0	0	-	1.9	-100.0%	1	2.33	-66.7%
NYISO ZONE A 5MW D AH O P	K4	1,051	0	-	3,354.29	-68.7%	2,092	1,712	22.2%
NYISO ZONE A 5MW D AH PK	K3	0	0	-	10	-100.0%	6	76.37	-91.9%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	D2	0	0	-	4,801.9	-100.0%	2,726	1,013	169.1%
NYISO ZONE G 5MW D AH PK	T3	163	55	196.1%	45	261.9%	148	140.19	5.6%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	445.33	-100.0%	1,000	252.47	295.9%
NYISO ZONE J 5MW D AH PK	D3	0	0	-	24.38	-100.0%	75	37.47	101.2%

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Energy Futures									
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	21	-100.0%	0	-	0	4.7	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	6	188	-96.6%	0.57	1033.4%	26	130.95	-80.1%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	8.86	-100.0%	9	11.82	-22.4%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	2	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	36	631.84	-94.2%
ONTARIO POWER SWAPS	OPD	1	0	-	0.95	25.0%	1	1.4	-20.4%
ONTARIO POWER SWAPS	OPM	0	0	-	10	-100.0%	4	35.53	-88.0%
PANHANDLE BASIS SWAP FUTU	PH	703	695.55	1.1%	560.81	25.4%	458	520.98	-12.2%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	5	10.43	-48.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	0	1.24	-100.0%
PERMIAN BASIS SWAP	PM	210	36.65	472.9%	157.05	33.7%	179	145.73	23.1%
PETROCHEMICALS	22	6	1.5	271.4%	4.81	15.8%	3	1.59	93.0%
PETROCHEMICALS	32	5	2.8	90.5%	0.9	489.4%	3	2.43	12.6%
PETROCHEMICALS	8I	1	23.4	-96.3%	5.1	-83.2%	9	20.64	-57.5%
PETROCHEMICALS	91	16	0	-	16.1	1.8%	9	1.41	519.6%
PETROCHEMICALS	HPE	1	0	-	0	-	0	0.23	103.3%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0.3	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	-	1	0	-
PETROCHEMICALS	MAE	4	1.5	154.0%	2.38	60.0%	2	1.15	86.3%
PETROCHEMICALS	MAS	29	0	-	1.43	1933.3%	8	1.4	460.4%
PETROCHEMICALS	MBE	115	65.75	74.5%	123.33	-6.9%	125	89.84	39.3%
PETROCHEMICALS	MNB	146	109.1	33.5%	24.05	505.7%	80	63.07	27.6%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	10	4.2	142.9%
PETRO CRCKS & SPRDS ASIA	STR	3	7.5	-59.4%	0	-	1	3	-79.3%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	1.26	-100.0%
PETRO CRCKS & SPRDS NA	CRB	7	15	-52.4%	2.76	158.6%	4	15.19	-75.8%
PETRO CRCKS & SPRDS NA	EXR	55	42.3	29.3%	72.1	-24.1%	68	53.4	28.2%
PETRO CRCKS & SPRDS NA	FOC	10	22	-56.7%	41.67	-77.1%	28	32.21	-12.6%
PETRO CRCKS & SPRDS NA	GBB	11	0	-	8.33	28.6%	4	0.2	1865.3%
PETRO CRCKS & SPRDS NA	GCC	5	0	-	2.38	100.0%	12	2.77	329.9%
PETRO CRCKS & SPRDS NA	GCI	25	106	-76.9%	32.52	-24.6%	33	47.39	-30.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0.81	-100.0%	0	0	-
PETRO CRCKS & SPRDS NA	GCU	339	601.65	-43.6%	461	-26.4%	399	529.97	-24.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-	0	0.4	-100.0%

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Energy Futures									
PETRO CRCKS & SPRDS NA	HOB	198	100.4	96.7%	145.57	35.7%	224	153.3	46.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	0	1.54	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	-	9.52	-100.0%	4	0.79	415.8%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	1	9.09	-89.3%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	14.29	-100.0%	3	0	-
PETRO CRCKS & SPRDS NA	RBB	617	342.55	80.2%	388.38	59.0%	469	495.57	-5.3%
PETRO CRCKS & SPRDS NA	RVG	319	16.25	1864.8%	326.71	-2.3%	329	24.92	1220.2%
PETRO CRCKS & SPRDS NA	SF3	1	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	1NB	50	103.05	-51.4%	47.86	4.6%	93	79.57	16.7%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-	0	0.2	-100.0%
PETRO CRK&SPRD EURO	43	7	5.7	27.8%	7.52	-3.2%	8	14.77	-43.4%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0.67	-100.0%
PETRO CRK&SPRD EURO	BOB	71	73.85	-3.5%	95.38	-25.3%	103	79.89	29.3%
PETRO CRK&SPRD EURO	EOB	0	0	-	0.48	-50.0%	1	1.8	-59.6%
PETRO CRK&SPRD EURO	EPN	17	6.15	184.2%	15.24	14.7%	10	2.29	332.4%
PETRO CRK&SPRD EURO	EVC	71	51.9	37.2%	105.33	-32.4%	68	64.91	4.6%
PETRO CRK&SPRD EURO	FBT	0	1	-100.0%	9.05	-100.0%	3	3.44	1.6%
PETRO CRK&SPRD EURO	FVB	0	0.75	-100.0%	0	-	0	0.12	-100.0%
PETRO CRK&SPRD EURO	GCB	10	14.25	-33.2%	0	-	7	4.58	61.2%
PETRO CRK&SPRD EURO	GOC	1	0	-	1.86	-61.5%	1	2.66	-80.3%
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	MGB	0	1.5	-100.0%	0	-	0	1.72	-100.0%
PETRO CRK&SPRD EURO	MUD	5	1.7	199.7%	2.9	75.4%	5	3.78	34.2%
PETRO CRK&SPRD EURO	NBB	1	0	-	0.24	300.0%	1	0.22	338.7%
PETRO CRK&SPRD EURO	NOB	9	9.85	-5.7%	5.52	68.1%	14	9.47	46.5%
PETRO CRK&SPRD EURO	SFB	2	0	-	0	-	1	0.06	964.2%
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	1.4	-100.0%	0	-	0	0.23	-100.0%
PETROLEUM PRODUCTS	D64	0	2	-100.0%	0	-	0	0.83	-100.0%
PETROLEUM PRODUCTS	D65	0	3.75	-100.0%	0	-	0	0.55	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0.1	-100.0%
PETROLEUM PRODUCTS	EWG	20	0	-	0	-	5	0.07	6386.2%
PETROLEUM PRODUCTS	MBS	2	0	-	0	-	5	0	-
PETROLEUM PRODUCTS	MPE	9	0	-	0	-	13	0	-
PETROLEUM PRODUCTS ASIA	E6M	3	1.3	138.1%	9.76	-68.3%	4	3.41	21.7%

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Energy Futures									
PETROLEUM PRODUCTS ASIA	MJN	58	95.4	-39.6%	61.48	-6.3%	58	75.59	-23.9%
PETRO OUTRIGHT EURO	0A	0	0	-	0	-	0	0.36	-100.0%
PETRO OUTRIGHT EURO	0B	6	0	-	14	-59.5%	8	4.25	80.2%
PETRO OUTRIGHT EURO	0C	0	0	-	0.48	-100.0%	1	0.84	-12.4%
PETRO OUTRIGHT EURO	0D	180	157.1	14.7%	223.14	-19.2%	221	206.77	6.9%
PETRO OUTRIGHT EURO	0E	41	13.25	211.9%	59.95	-31.1%	43	24.09	80.3%
PETRO OUTRIGHT EURO	0F	25	59.5	-57.2%	46.19	-44.8%	43	44.93	-4.1%
PETRO OUTRIGHT EURO	1T	0	1.05	-100.0%	0	-	0	0.36	-45.4%
PETRO OUTRIGHT EURO	33	1	0	-	2	-28.6%	2	2.44	-22.9%
PETRO OUTRIGHT EURO	5L	13	10.3	29.4%	5	166.7%	7	5.32	24.2%
PETRO OUTRIGHT EURO	63	8	3.85	110.3%	9.29	-12.8%	7	4.92	39.5%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	7I	1	0	-	12.86	-90.7%	7	8.62	-18.3%
PETRO OUTRIGHT EURO	7P	0	0	-	0	-	0	0.16	-100.0%
PETRO OUTRIGHT EURO	7R	13	8.8	43.4%	13	-2.9%	12	12.44	-1.5%
PETRO OUTRIGHT EURO	88	2	0	-	0.71	133.3%	1	1.21	-55.7%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.12	-50.8%
PETRO OUTRIGHT EURO	CPB	0	0.35	36.1%	5.1	-90.7%	2	2	-4.4%
PETRO OUTRIGHT EURO	EFF	1	0.5	185.7%	3.57	-60.0%	3	0.67	352.0%
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-	1	1.8	-51.4%
PETRO OUTRIGHT EURO	ENS	4	1.25	185.7%	3.9	-8.5%	6	2.78	103.7%
PETRO OUTRIGHT EURO	EWN	2	7.15	-66.7%	5.95	-60.0%	6	4.1	50.7%
PETRO OUTRIGHT EURO	FBD	0	0.85	-100.0%	0	-	0	0.48	-100.0%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	0	0.97	-65.9%
PETRO OUTRIGHT EURO	MBN	55	30.25	82.9%	53.62	3.2%	53	53.79	-0.9%
PETRO OUTRIGHT EURO	SMU	2	0	-	0	-	0	2.37	-83.6%
PETRO OUTRIGHT EURO	T0	0	3	-92.1%	3.1	-92.3%	2	7.89	-76.4%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	1	6.13	-85.7%
PETRO OUTRIGHT EURO	V0	0	8.75	-100.0%	0	-	0	11.37	-100.0%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	X0	0	5.8	-100.0%	0	-	0	2.76	-100.0%
PETRO OUTRIGHT EURO	Y0	0	0	-	0	-	0	0.4	-100.0%
PETRO OUTRIGHT NA	FCB	12	8	52.4%	4.24	187.6%	5	12.18	-61.6%
PETRO OUTRIGHT NA	FOB	0	0	-	0	-	0	0.04	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0.25	-88.1%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO OUTRIGHT NA	GUD	1	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	0	-	0	-	4	2.23	90.9%
PETRO OUTRIGHT NA	JET	91	35.5	156.9%	73.81	23.5%	88	66.82	32.0%
PETRO OUTRIGHT NA	MBL	4	4.5	-4.8%	0	-	1	2.95	-70.4%
PETRO OUTRIGHT NA	MEN	19	30.4	-38.1%	39.43	-52.3%	37	30.68	19.1%
PETRO OUTRIGHT NA	MEO	418	420	-0.4%	423.76	-1.3%	444	397.09	11.9%
PETRO OUTRIGHT NA	MFD	0	0	-	2.1	-100.0%	3	3.59	-18.8%
PETRO OUTRIGHT NA	MMF	10	1.75	485.0%	12.33	-17.0%	9	7.66	11.9%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	0	0.1	-100.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0.36	-100.0%
PJM AD HUB 5MW REAL TIME	V3	8,787	0	-	1,684.29	421.7%	8,500	6,568.19	29.4%
PJM AD HUB 5MW REAL TIME	Z9	664	0	-	433.33	53.2%	531	442.59	19.9%
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	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	-	1,114.29	-100.0%	227	0	-
PJM BGE DA PEAK	E3	0	0	-	60.71	-100.0%	12	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	4,457.14	-100.0%	1,817	341.68	431.9%
PJM COMED 5MW D AH PK	D8	0	0	-	242.86	-100.0%	99	28.26	250.4%
PJM DAILY	JD	62	0	-	0	-	13	0	-
PJM DAYTON DA OFF-PEAK	R7	0	0	-	380.95	-100.0%	207	941.93	-78.0%
PJM DAYTON DA PEAK	D7	0	0	-	0	-	7	65.2	-88.6%
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	273	5.5	4869.7%	466.67	-41.4%	241	274.42	-12.3%
PJM NI HUB 5MW REAL TIME	B6	6,939	0	-	9,497.14	-26.9%	6,802	7,427.85	-8.4%
PJM NILL DA OFF-PEAK	L3	352	98.45	257.3%	5,767.62	-93.9%	2,973	2,003.33	48.4%
PJM NILL DA PEAK	N3	26	12.2	113.5%	242.86	-89.3%	131	93.74	39.8%
PJM OFF-PEAK LMP SWAP FUT	JP	7	0	-	0	-	1	7.37	-81.6%
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	0	2.57	-100.0%
PJM PEPKO DA OFF-PEAK	Q8	0	184	-100.0%	0	-	0	29.41	-100.0%

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Energy Futures									
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	-	2,228.57	-100.0%	1,590	7.75	20427.8%
PJM PSEG DA PEAK	L6	0	0	-	121.43	-100.0%	50	0.43	11287.9%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	12,257.14	-100.0%	4,053	3,192.55	27.0%
PJM WESTHDA PEAK	J4	0	0	-	667.86	-100.0%	203	166.56	22.2%
PJM WESTH RT OFF-PEAK	N9	26,549	0	-	37,139.29	-28.5%	38,840	14,350.82	170.6%
PJM WESTH RT PEAK	L1	2,000	0	-	2,781.86	-28.1%	3,221	992.34	224.6%
PLASTICS	PGP	0	47.1	-100.0%	23.86	-100.0%	17	41.8	-58.2%
PREMIUM UNLD 10P FOB MED	3G	4	9.75	-60.9%	22.86	-83.3%	16	13.4	15.9%
PREMIUM UNLEAD 10PPM FOB	8G	0	4.35	-96.7%	2.52	-94.3%	2	2.76	-42.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0.65	-100.0%	0	-	0	0.33	-94.2%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	1	0.5	157.1%	1.71	-25.0%	2	1.34	25.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	25	12.5	101.9%	0	-	14	9.93	44.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	749	473.4	58.2%	571.24	31.1%	493	358.93	37.4%
RBOB CALENDAR SWAP	RL	267	233.6	14.4%	317.05	-15.7%	263	336.13	-21.9%
RBOB CRACK SPREAD	RM	95	33	188.5%	29.48	222.9%	96	50.57	90.1%
RBOB CRACK SPREAD BALMO S	1E	1	0	-	0	-	0	0.12	104.6%
RBOB GASOLINE BALMO CLNDR	1D	54	50.75	5.7%	1.14	4591.5%	32	51.86	-37.7%
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	406.75	-100.0%	0	-	89	482.61	-81.5%
RBOB VS HEATING OIL SWAP	RH	81	7.5	982.5%	79.76	1.8%	65	48.48	34.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	7	7.43	-3.8%
SAN JUAN BASIS SWAP	NJ	724	77.5	834.7%	538.57	34.5%	351	117.92	197.9%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	1	0.75	58.7%	8.62	-86.2%	3	1.81	76.4%
SINGAPORE 380CST BALMO	BT	8	7.35	6.3%	4.9	59.2%	7	5.02	38.8%
SINGAPORE 380CST FUEL OIL	SE	248	225.85	10.0%	288.67	-14.0%	274	250.97	9.1%
SINGAPORE FUEL 180CST CAL	UA	73	90.75	-19.3%	60.95	20.2%	64	87.78	-26.9%
SINGAPORE FUEL OIL SPREAD	SD	44	21.55	102.6%	13.52	222.9%	23	22.56	1.9%
SINGAPORE GASOIL	MTB	8	7.4	10.7%	12.14	-32.5%	14	5.77	138.9%
SINGAPORE GASOIL	MTS	194	88.6	118.6%	166.24	16.5%	163	119.77	36.1%
SINGAPORE GASOIL	STL	0	0	-	0	-	1	0.59	63.8%
SINGAPORE GASOIL	STZ	0	0	-	0	-	0	0.99	-100.0%

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Energy Futures									
SINGAPORE GASOIL BALMO	VU	0	0	-	0.57	-100.0%	9	5.2	65.0%
SINGAPORE GASOIL CALENDAR	MSG	0	0	-	4.29	-100.0%	2	27.15	-93.3%
SINGAPORE GASOIL SWAP	SG	216	155.8	38.4%	448.29	-51.9%	183	110.89	64.7%
SINGAPORE GASOIL VS ICE	GA	216	96.75	123.5%	49.05	340.8%	89	23.72	276.6%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	1	2.17	-75.0%
SINGAPORE JET KERO GASOIL	RK	2	23.75	-90.0%	38.33	-93.8%	30	14.39	107.8%
SINGAPORE JET KEROSENE SW	KS	7	60.8	-88.3%	26.19	-72.7%	24	64.68	-63.4%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0.2	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	27	21	28.8%	64.29	-57.9%	27	14.3	90.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	150	235.85	-36.3%	351.43	-57.3%	303	317.86	-4.5%
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	-	0.24	-100.0%	0	0.04	22.8%
SOCAL BASIS SWAP	NS	0	0	-	0	-	0	0.38	-100.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-	54	1.93	2718.6%
SONAT BASIS SWAP FUTURE	SZ	0	36.5	-100.0%	17.52	-100.0%	4	58.17	-93.9%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	5	16.92	-70.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	12.57	-100.0%	3	28.68	-91.1%
Sumas Basis Swap	NK	379	129.4	192.7%	94.1	302.5%	118	56.71	108.2%
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	22.8%
TCO BASIS SWAP	TC	3	212.6	-98.7%	11.81	-75.8%	132	155.65	-15.0%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	15.43	-100.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	10	12.62	-20.2%
TENNESSEE 500 LEG BASIS S	NM	19	0	-	0	-	4	21.84	-82.5%
TENNESSEE 800 LEG NG BASI	6Z	15	0	-	0	-	7	15.45	-53.9%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	8	4.08	87.6%
Tetco ELA Basis	TE	0	0	-	0	-	0	5.38	-100.0%
TETCO M-3 INDEX	IX	140	0	-	64.38	117.2%	68	43.73	55.4%
Tetco STX Basis	TX	0	61	-100.0%	0	-	9	18.45	-53.7%
TEXAS EASTERN ZONE M-3 BA	NX	318	15.2	1991.8%	484.76	-34.4%	404	99.24	307.6%
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	6	128.4	-95.5%	0	-	6	27.57	-78.5%
TRANSCO ZONE4 BASIS SWAP	TR	85	154.85	-45.0%	193.1	-55.9%	121	299.94	-59.6%

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Energy Futures									
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	23.62	-100.0%	5	4.9	-1.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	16	134.8	-88.3%	33.86	-53.3%	44	42.16	3.7%
TRANSCO ZONE 6 INDEX	IT	41	0	-	81.9	-50.2%	53	0.3	17384.8%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-	0	0.48	-100.0%
UCM FUT	UCM	2	2	7.1%	0.95	125.0%	2	2.28	-29.9%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	1.67	-91.4%	0	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	1.67	-91.4%	0	0	-
ULSD 10PPM CIF MED VS ICE	Z7	2	1	57.1%	0	-	1	4.42	-76.3%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.1	243.9%
ULSD UP-DOWN BALMO SWP	1L	196	63.6	208.0%	266.67	-26.6%	167	179.31	-6.7%
UP DOWN GC ULSD VS NMX HO	LT	2,237	1,456.55	53.6%	2,486.95	-10.1%	2,513	1,974.87	27.2%
USGC UNL 87 CRACK SPREAD	RU	0	15	-100.0%	0	-	2	14.03	-87.9%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-	0	0.17	-100.0%
WAHA BASIS	NW	291	116.05	150.7%	137.1	112.2%	201	161.57	24.5%
WAHA INDEX SWAP FUTURE	IY	46	0	-	145.71	-68.2%	53	6.77	688.0%
WESTERN RAIL DELIVERY PRB	QP	16	42	-62.6%	77.86	-79.8%	53	103.64	-49.2%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	0	0	-
WTI-BRENT CALENDAR SWAP	BK	596	719.55	-17.1%	275.48	116.5%	543	1,097.31	-50.5%
WTI CALENDAR	CS	1,504	1,810.2	-16.9%	1,553.86	-3.2%	1,583	1,600.02	-1.0%
WTS (ARGUS) VS WTI SWAP	FF	111	208.8	-46.6%	0	-	64	240.85	-73.6%
WTS (ARGUS) VS WTI TRD MT	FH	139	60.5	129.8%	82.86	67.8%	60	76.89	-21.4%

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	181	330.5	-45.2%	190.48	-4.9%	96	605.34	-84.2%
BRENT OIL LAST DAY	BE	286	351	-18.6%	119.86	138.4%	210	207.99	1.1%
BRENT OIL LAST DAY	BZO	856	0	-	248.43	244.6%	341	2.85	11870.3%
BRENT OIL LAST DAY	OS	10	550.35	-98.2%	58.62	-83.4%	67	218.15	-69.2%
COAL API2 INDEX	CLA	233	118.75	96.5%	118.1	97.6%	326	261.75	24.6%
COAL API2 INDEX	CQA	518	233.25	122.0%	1,064.29	-51.3%	946	397.83	137.8%
COAL API2 INDEX	MTC	0	0	-	7.14	-100.0%	1	0.6	144.0%
COAL API4 INDEX	RLA	0	0	-	0	-	0	5.53	-91.2%
COAL API4 INDEX	RQA	0	0	-	6.19	-100.0%	13	2.37	444.5%

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Energy Options									
COAL SWAP	CPF	0	5.25	-100.0%	0.95	-100.0%	4	2.89	29.5%
COAL SWAP	RPF	0	0.25	-100.0%	1.9	-100.0%	0	15.14	-97.0%
CRUDE OIL 1MO	WA	10,279	11,073.55	-7.2%	9,090.29	13.1%	10,252	9,324.93	9.9%
CRUDE OIL APO	AO	1,476	2,766.7	-46.7%	1,028.1	43.5%	1,152	2,856.53	-59.7%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	AH	48	0	-	0	-	11	85.38	-86.9%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	3.56	-100.0%
CRUDE OIL PHY	CD	314	30	947.6%	100	214.3%	180	70.75	154.9%
CRUDE OIL PHY	LC	807	1,492.6	-45.9%	1,104.33	-26.9%	2,089	1,924.91	8.5%
CRUDE OIL PHY	LO	162,048	133,487.8	21.4%	177,602.71	-8.8%	186,793	156,628.74	19.3%
CRUDE OIL PHY	LO1	252	44.15	470.9%	95.57	163.7%	250	200.65	24.4%
CRUDE OIL PHY	LO2	137	148.9	-7.8%	143.76	-4.5%	198	159.28	24.5%
CRUDE OIL PHY	LO3	262	95.65	173.5%	3.38	7636.7%	124	98.22	25.9%
CRUDE OIL PHY	LO4	272	92.65	193.9%	218.14	24.8%	212	119.77	77.4%
CRUDE OIL PHY	LO5	0	163.15	-100.0%	190	-100.0%	106	60.55	74.4%
DAILY CRUDE OIL	DNM	0	0	-	0	-	0	31.62	-100.0%
ELEC FINSETTLED	PML	2	0	-	1.76	-8.1%	1	0.15	813.5%
ELEC MISO PEAK	9T	0	0	-	0	-	0	10.04	-100.0%
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	242	252.15	-4.0%	415.76	-41.8%	271	288.51	-6.2%
ETHANOL SWAP	GVR	1	42.5	-96.6%	45.24	-96.8%	12	15.55	-25.2%
EURO-DENOMINATED PETRO PROD	EFB	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0.06	-100.0%
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	1	0	-
GASOIL CRACK SPREAD AVG PRICE OPTIO	3U	0	0	-	0	-	0	0	-
GASOLINE	GCE	0	6.25	-100.0%	0	-	8	0.49	1613.4%
HEATING OIL PHY	LB	0	4	-100.0%	30	-100.0%	12	24.53	-51.3%
HEATING OIL PHY	OH	2,769	3,305	-16.2%	2,517.67	10.0%	2,769	2,397.86	15.5%
HENRY HUB FINANCIAL LAST	E7	70	137.2	-48.7%	46.57	51.2%	64	93.52	-32.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	47.62	-100.0%	55	13.83	300.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	60	-100.0%	0	-	0	14.72	-100.0%
LLS CRUDE OIL	WJO	200	0	-	87.14	129.5%	85	16.13	425.6%
MCCLOSKEY ARA ARGS COAL	MTO	71	0	-	57.14	24.6%	82	35.55	131.7%
MCCLOSKEY RCH BAY COAL	MFO	49	0	-	21.43	130.0%	23	7.41	212.4%

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Energy Options									
NATURAL GAS	G10	0	0	-	0	-	5	0	-
NATURAL GAS 12 M CSO FIN	G7	0	25	-100.0%	0	-	0	10.28	-100.0%
NATURAL GAS 1 M CSO FIN	G4	15	140	-88.9%	125	-87.6%	303	1,073.97	-71.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-	10	19.57	-50.4%
NATURAL GAS 3 M CSO FIN	G3	2,396	85.5	2702.8%	1,053.57	127.5%	1,053	258.68	307.3%
NATURAL GAS 5 M CSO FIN	G5	0	25	-100.0%	30.95	-100.0%	12	10.67	9.2%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	0	-	40	185.38	-78.5%
NATURAL GAS OPTION ON CALENDAR STR	6J	24	18	32.3%	1.9	1150.0%	115	51.46	124.1%
NATURAL GAS PHY	KD	1,556	1,107.25	40.5%	1,826	-14.8%	1,646	1,072.45	53.5%
NATURAL GAS PHY	LN	70,811	83,026	-14.7%	73,483.86	-3.6%	87,312	77,448.58	12.7%
NATURAL GAS PHY	ON	9,921	10,575.6	-6.2%	14,011.86	-29.2%	12,982	11,975.07	8.4%
NATURAL GAS PHY	ON5	0	1.25	-100.0%	0	-	0	0.1	-100.0%
NG HH 3 MONTH CAL	IC	12	0	-	0	-	5	0	-
N ROCKIES PIPE SWAP	ZR	34	45.25	-24.2%	30	14.3%	20	25.41	-20.9%
NY HARBOR HEAT OIL SWP	AT	228	689.55	-66.9%	130.76	74.3%	283	655.77	-56.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	20	0	-	0	-	4	2.17	87.6%
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	23	130.15	-82.3%	125.71	-81.7%	77	52.73	45.7%
PETROCHEMICALS	4I	0	0	-	0	-	0	0	-
PETROCHEMICALS	4J	57	63.75	-10.4%	0	-	31	7.27	320.5%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	5	0.06	8590.4%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	0	0.71	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	-	0	-	0	0	-
PJM CALENDAR STRIP	6O	0	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	0	0	-	0	-	1	0.79	71.9%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	100	0	-
PJM WES HUB PEAK LMP 50MW	PMA	10	0	-	7.81	25.0%	15	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	81	0	-	80.95	0.0%	33	0	-
RBOB CALENDAR SWAP	RA	116	114	1.3%	47.62	142.6%	45	85.57	-47.8%
RBOB PHY	OB	1,853	1,633.35	13.5%	2,308.67	-19.7%	2,183	1,374.66	58.8%
RBOB PHY	RF	0	0	-	0	-	0	21.5	-99.1%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	3	2.43	11.8%

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Energy Options									
SAN JUAN PIPE SWAP	PJ	81	36.4	123.7%	53.43	52.4%	27	20.13	36.6%
SHORT TERM	U11	10	32.75	-70.9%	7.14	33.3%	15	13.87	5.0%
SHORT TERM	U12	31	10	209.5%	4.76	550.0%	21	8.16	159.3%
SHORT TERM	U13	2	17.5	-86.4%	49.33	-95.2%	25	10.02	150.6%
SHORT TERM	U14	0	47.5	-100.0%	66.67	-100.0%	31	6.62	372.9%
SHORT TERM	U15	0	35	-100.0%	9.52	-100.0%	14	10.87	25.0%
SHORT TERM	U22	0	7.5	-100.0%	9.52	-100.0%	16	6.17	159.8%
SHORT TERM	U23	10	0	-	0	-	5	9.74	-50.2%
SHORT TERM	U24	20	0	-	0	-	10	8.32	14.4%
SHORT TERM	U25	0	0	-	0	-	2	3.95	-49.6%
SHORT TERM	U26	7	0	-	0	-	12	4.25	181.0%
SHORT TERM CRUDE OIL	C02	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	24	14	70.1%	0	-	25	7.33	241.0%
SHORT TERM NATURAL GAS	U02	0	0	-	38.1	-100.0%	29	23.77	21.5%
SHORT TERM NATURAL GAS	U03	11	0	-	0	-	5	12.25	-58.4%
SHORT TERM NATURAL GAS	U04	48	0	-	20.24	135.3%	24	9.21	163.6%
SHORT TERM NATURAL GAS	U05	27	0	-	30.95	-11.5%	20	8.7	126.1%
SHORT TERM NATURAL GAS	U06	26	0	-	26.19	0.0%	18	9.19	93.3%
SHORT TERM NATURAL GAS	U07	0	66	-100.0%	47.62	-100.0%	29	11.54	152.4%
SHORT TERM NATURAL GAS	U08	0	23.75	-100.0%	16.52	-100.0%	13	7.81	67.5%
SHORT TERM NATURAL GAS	U09	30	0	-	0	-	19	21.47	-11.0%
SHORT TERM NATURAL GAS	U10	8	0	-	0	-	28	14.82	89.3%
SHORT TERM NATURAL GAS	U16	12	0	-	0	-	15	11.96	24.6%
SHORT TERM NATURAL GAS	U17	14	0	-	0	-	7	7.85	-15.9%
SHORT TERM NATURAL GAS	U18	26	5	428.6%	5.95	344.0%	15	4.35	247.2%
SHORT TERM NATURAL GAS	U19	14	10	42.9%	0	-	10	12.53	-16.3%
SHORT TERM NATURAL GAS	U20	0	15	-100.0%	9.52	-100.0%	7	6.84	3.6%
SHORT TERM NATURAL GAS	U21	0	40	-100.0%	2.38	-100.0%	5	9.29	-50.4%
SHORT TERM NATURAL GAS	U27	24	0	-	14.29	66.7%	8	4.84	60.4%
SHORT TERM NATURAL GAS	U28	0	18.75	-100.0%	57.14	-100.0%	19	1.78	950.7%
SHORT TERM NATURAL GAS	U29	0	12.5	-100.0%	35.71	-100.0%	20	6.32	218.5%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-	5	16.11	-69.9%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	7	1.5	384.8%
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 CALEND	N2	0	0	-	0	-	0	5.93	-100.0%

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Energy Options									
SOCAL PIPE SWAP	ZN	0	0	-	0	-	97	0	-
WTI 12 MONTH CALENDAR OPT	WZ	0	25	-100.0%	0	-	0	7.91	-100.0%
WTI-BRENT BULLET SWAP	BV	443	715	-38.1%	257.14	72.2%	1,114	1,060.71	5.1%
WTI CRUDE OIL 1 M CSO FI	7A	5,576	4,595	21.3%	6,671.86	-16.4%	8,414	7,294.69	15.3%
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	10	2.1	383.0%	8.67	17.0%	11	7.18	46.5%
COFFEE	KT	0	1.5	-77.8%	0.29	16.7%	1	2.51	-69.4%
COTTON	TT	1	5.1	-86.9%	0.67	0.0%	3	2.31	29.3%
SUGAR 11	YO	2	4.25	-55.2%	2.86	-33.3%	3	6.21	-55.9%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		13	12.95	0.8%	12.48	4.6%	17	18.21	-6.6%
Energy Futures		1,957,280	1,483,088.85	32.0%	2,165,331.9	-9.6%	2,134,390	1,689,389.83	26.3%
Metals Futures		434,760	304,627.75	42.7%	399,602.19	8.8%	408,016	308,947.8	32.1%
TOTAL FUTURES		2,392,053	1,787,729.55	33.8%	2,564,946.57	-6.7%	2,542,422.92	1,998,355.84	27.2%
TOTAL OPTIONS GROUP									
Energy Options		274,986	258,197.9	6.5%	295,361.24	-6.9%	323,169	279,234.75	15.7%
Metals Options		44,623	32,514	37.2%	40,276.76	10.8%	48,436	35,518.11	36.4%
TOTAL OPTIONS		319,610	290,711.9	9.9%	335,638	-4.8%	371,604.9	314,752.86	18.1%

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TOTAL COMBINED								
Metals	479,383	337,141.75	42.2%	439,878.95	9.0%	456,452	344,465.91	32.5%
Energy	2,232,266	1,741,286.75	28.2%	2,460,693.14	-9.3%	2,457,559	1,968,624.58	24.8%
Commodities and Alternative Investments	13	12.95	0.8%	12.48	4.6%	17	18.21	-6.6%
GRAND TOTAL	2,711,662	2,078,441.45	30.5%	2,900,584.57	-6.5%	2,914,027.82	2,313,108.7	26.0%