

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV APR 2017	ADV APR 2016	% CHG	ADV MAR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Metals Futures									
COMEX GOLD	GC	242,746	185,831.24	30.6%	266,059.43	-8.8%	260,528	228,431.9	14.1%
NYMEX HOT ROLLED STEEL	HR	62	408.38	-84.8%	125.96	-50.6%	154	213.83	-28.1%
NYMEX PLATINUM	PL	14,767	11,845.62	24.7%	22,417.09	-34.1%	17,638	15,849.49	11.3%
PALLADIUM	PA	5,151	4,470.81	15.2%	4,274.26	20.5%	5,553	5,697.87	-2.5%
URANIUM	UX	11	53.33	-80.3%	32.35	-67.5%	31	30.09	2.3%
COMEX SILVER	SI	111,625	94,003.19	18.7%	65,038.48	71.6%	84,446	72,296.59	16.8%
COMEX E-Mini GOLD	QO	388	556.76	-30.3%	477.43	-18.8%	474	516.63	-8.3%
COMEX E-Mini SILVER	QI	38	66.14	-42.7%	37.39	1.3%	42	59.46	-29.3%
COMEX COPPER	HG	119,304	96,135.43	24.1%	79,265.48	50.5%	100,435	85,414.87	17.6%
COMEX MINY COPPER	QC	42	25.14	65.4%	44.78	-7.2%	45	26.49	68.4%
Aluminium MW Trans Prem Platts	AUP	261	278.71	-6.5%	230.13	13.3%	429	273.3	56.9%
ALUMINUM	A38	0	0	-	0	-	0	0.66	-44.1%
ALUMINUM	AEP	74	80.71	-8.4%	68	8.7%	191	53.86	254.3%
ALUMINUM	ALA	0	0	-	4.35	-100.0%	1	0.24	418.5%
ALUMINUM	ALI	12	36.05	-67.9%	50.52	-77.1%	56	32.7	71.1%
ALUMINUM	EDP	20	6.86	187.8%	26.09	-24.3%	12	41.48	-70.9%
ALUMINUM	MJP	0	7.67	-100.0%	70.17	-100.0%	58	36.12	59.2%
COPPER	HGS	16	24	-32.7%	6.13	163.6%	11	15.4	-26.0%
E-MICRO GOLD	MGC	4,472	4,150.14	7.8%	4,309.09	3.8%	4,262	3,876.79	9.9%
FERROUS PRODUCTS	BUS	2	18.57	-91.5%	0.65	142.1%	3	3.86	-31.2%
GOLD	GPS	0	0	-	0	-	0	0.01	-100.0%
Gold Kilo	GCK	12	183.86	-93.4%	14.04	-13.8%	20	222.85	-91.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	13.04	-100.0%	16	12.13	31.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	597	946.33	-36.9%	570.22	4.8%	544	791.4	-31.3%
LNDN ZINC	ZNC	1	0	-	0	-	0	0.91	-52.7%
METALS	LED	0	0	-	0	-	0	0.1	-100.0%
SILVER	SIL	244	473.24	-48.4%	194.26	25.8%	243	404.51	-39.9%

Metals Options

COMEX COPPER	HX	210	101.05	107.8%	179.48	17.0%	197	152.67	28.8%
COMEX GOLD	OG	41,263	32,001.81	28.9%	40,277.65	2.4%	38,694	39,349.4	-1.7%
COMEX SILVER	SO	5,989	7,353.43	-18.6%	5,637	6.2%	5,169	5,458.87	-5.3%
GOLD	OG1	123	24	411.2%	113.87	7.7%	119	59.5	99.3%
GOLD	OG2	148	16.33	806.8%	134.43	10.2%	121	81.85	48.4%

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Metals Options									
GOLD	OG3	201	33.43	500.3%	183.17	9.6%	165	48.61	239.2%
GOLD	OG4	105	39.76	164.3%	54.78	91.9%	59	32.57	80.5%
GOLD	OG5	0	50.19	-100.0%	113.39	-100.0%	32	14.38	123.8%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	171	220.76	-22.5%	65.22	162.3%	97	157.73	-38.7%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	24	140	-82.7%	297.39	-91.9%	157	128.62	21.8%
NYMEX PLATINUM	PO	137	200.48	-31.9%	52.7	159.2%	128	211.19	-39.5%
PALLADIUM	PAO	247	95.43	159.3%	91.09	171.7%	168	166.95	0.5%
SILVER	SO1	6	0	-	1.22	379.9%	3	2.22	24.1%
SILVER	SO2	0	0	-	4.26	-100.0%	2	2.46	-29.6%
SILVER	SO3	0	0	-	0.35	-100.0%	2	3.16	-29.7%
SILVER	SO4	0	0.05	673.9%	0.22	69.5%	1	1.87	-71.7%
SILVER	SO5	0	0.05	-100.0%	0	-	0	1.02	-100.0%

Energy Futures

CRUDE OIL PHY	CL	1,117,126	1,124,478.95	-0.7%	1,148,573.52	-2.7%	1,118,518	1,098,287.45	1.8%
CRUDE OIL	WS	0	234.76	-100.0%	506.74	-100.0%	345	376.7	-8.5%
MINY WTI CRUDE OIL	QM	10,002	13,998.14	-28.5%	13,298.61	-24.8%	11,301	13,416.56	-15.8%
BRENT OIL LAST DAY	BZ	96,829	106,839.43	-9.4%	93,692	3.3%	96,229	94,099.64	2.3%
HEATING OIL PHY	HO	162,723	156,478.76	4.0%	152,061.7	7.0%	163,511	156,306.94	4.6%
HTG OIL	BH	3	206.9	-98.8%	0	-	1	22.13	-97.3%
MINY HTG OIL	QH	0	0.38	-86.2%	0.09	-39.5%	0	0.42	-67.4%
RBOB PHY	RB	195,875	168,887.86	16.0%	190,449.52	2.8%	201,039	180,272.47	11.5%
MINY RBOB GAS	QU	0	0.19	-17.1%	0.17	-9.2%	0	0.2	22.0%
NATURAL GAS	HP	6,725	4,524.1	48.6%	7,377.61	-8.8%	7,418	6,246.77	18.8%
LTD NAT GAS	HH	12,101	10,807.29	12.0%	12,415.74	-2.5%	14,283	11,739.46	21.7%
MINY NATURAL GAS	QG	1,089	1,095.9	-0.6%	1,201.09	-9.3%	1,546	1,345.16	14.9%
PJM MONTHLY	JM	0	3.05	-100.0%	5.22	-100.0%	1	11.69	-87.3%
NATURAL GAS PHY	NG	416,378	397,624	4.7%	397,314.39	4.8%	426,458	386,827.74	10.2%
RBOB GAS	RT	84	64.1	31.2%	66.09	27.3%	82	76.91	6.9%
3.5% FUEL OIL CID MED SWA	7D	0	18.71	-100.0%	4.91	-100.0%	10	13.06	-19.9%
3.5% FUEL OIL CIF BALMO S	8D	3	0.95	176.3%	0.22	1110.5%	2	1.58	33.2%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0.95	-100.0%

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AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	81.52	-100.0%	0	-	0	24.7	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	29.05	-100.0%	0	-	0	32.38	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0.97	-100.0%
ANR OKLAHOMA	NE	0	0	-	0	-	0	19	-100.0%
APPALACHIAN COAL (PHY)	QL	0	1.67	-100.0%	0	-	0	0.52	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	383	404.71	-5.5%	136.74	179.8%	364	573.68	-36.6%
ARGUS PROPAN FAR EST INDE	7E	58	116.71	-50.0%	64.65	-9.8%	68	72.3	-6.6%
ARGUS PROPAN(SAUDI ARAMCO	9N	45	42.1	6.9%	42.65	5.5%	52	40.13	29.7%
AUSTRIALIAN COKE COAL	ALW	5	21.48	-76.2%	5.91	-13.7%	11	19.13	-40.9%
BRENT BALMO SWAP	J9	6	0	-	0	-	2	9.1	-81.3%
BRENT CALENDAR SWAP	CY	54	127.14	-57.9%	117.57	-54.4%	143	87.66	62.9%
BRENT FINANCIAL FUTURES	BB	4	26.62	-85.4%	96.52	-96.0%	140	12.28	1041.9%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	5.65	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	4.1	-100.0%	0	-	0	9.97	-100.0%
BRENT OIL LAST DAY	BZL	0	0	-	0	-	0	0	-
BRENT OIL LAST DAY	BZS	0	0	-	0	-	0	0	-
CAISO SP15 EZGNHUB5 MW P	9X	0	0	-	0	-	98	71.15	37.8%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	15	17.86	-13.3%	15.65	-1.1%	32	82.96	-61.9%
CENTERPOINT BASIS SWAP	PW	0	316	-100.0%	0	-	7	52.3	-87.4%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	2.94	-100.0%
CHICAGO ETHANOL SWAP	CU	5,680	4,484.19	26.7%	7,111.52	-20.1%	6,145	5,246.79	17.1%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	5	11.52	-53.9%	4.57	16.4%	10	11.46	-15.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	8.29	-100.0%
CIG BASIS	CI	0	178.52	-100.0%	8.09	-100.0%	2	325.95	-99.3%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	31.3	-100.0%	9	4.18	112.5%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0.24	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	2,392	1,142.86	109.3%	3,052.17	-21.6%	2,255	1,279.52	76.3%
CIN HUB 5MW D AH PK	H5	234	0	-	0	-	125	87.87	42.0%
CIN HUB 5MW REAL TIME O P	H4	4,798	1,523.81	214.9%	3,052.17	57.2%	2,793	4,827.24	-42.1%
CIN HUB 5MW REAL TIME PK	H3	289	81.43	255.5%	145.43	99.0%	247	270.72	-8.8%
COAL SWAP	ACM	13	7.86	64.1%	17.83	-27.7%	11	12.21	-8.0%
COAL SWAP	SSI	0	2.14	-100.0%	0	-	0	0.74	-100.0%

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COLUMB GULF MAINLINE NG B	5Z	0	90.57	-100.0%	0	-	0	87.46	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	105.14	-100.0%	0	-	0	8.76	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	0	15.78	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	11	5.43	96.8%	26.61	-59.8%	13	6.71	93.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	44	9.71	355.1%	70.96	-37.7%	40	10.95	268.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	332	392.81	-15.4%	357.43	-7.0%	404	350.45	15.2%
CRUDE OIL	CHB	0	0	-	0	-	0	0.24	-100.0%
CRUDE OIL	LPS	176	257.33	-31.5%	116.3	51.6%	176	229.82	-23.3%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	158	2.1	7453.6%	2.61	5966.7%	44	4.74	819.5%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	6.52	-100.0%	2	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	1.3	-100.0%	0	0	-
CRUDE OIL OUTRIGHTS	CSW	20	0	-	10.22	93.2%	11	9.15	18.8%
CRUDE OIL OUTRIGHTS	DBL	5	0	-	0	-	7	3.37	119.6%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	1.96	-100.0%	1	0.91	48.8%
CRUDE OIL OUTRIGHTS	HTT	620	58.67	956.4%	402.83	53.8%	452	119.58	278.3%
CRUDE OIL OUTRIGHTS	LSW	2	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	SSW	6	0	-	0.65	747.3%	1	0	-
CRUDE OIL OUTRIGHTS	WCC	138	274.19	-49.6%	169.57	-18.5%	291	211.78	37.3%
CRUDE OIL OUTRIGHTS	WCW	196	0	-	5.22	3657.7%	47	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	2.68	-100.0%
CRUDE OIL SPRDS	WTT	462	72.29	539.6%	213.26	116.8%	309	181.46	70.5%
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	10.79	-100.0%
DAILY PJM	ZAO	0	0	-	0	-	0	0	-

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DAILY PJM	ZGO	0	0	-	0	-	0	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	0	0.79	-100.0%
DATED TO FRONTLINE BRENT	FY	18	181.9	-90.3%	0	-	51	86.57	-40.9%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-	0	3.17	-100.0%
DEMARCO SWING SWAP	DT	0	0	-	0	-	0	0.25	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0.89	-100.0%
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-	0	0.24	-100.0%
DOMINION TRAN INC - APP I	IH	0	125.48	-100.0%	0	-	0	79.47	-100.0%
DOMINION TRANSMISSION INC	PG	167	1,220.9	-86.3%	353.35	-52.8%	481	913.87	-47.3%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	1.09	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	211	58.33	260.9%	238.7	-11.8%	361	120.23	199.9%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	19	0	-
EASTERN RAIL DELIVERY CSX	QX	11	43.33	-75.7%	32.57	-67.7%	40	59.39	-33.2%
EAST/WEST FUEL OIL SPREAD	EW	13	0	-	0	-	14	1.58	791.1%
EIA FLAT TAX ONHWAY DIESE	A5	26	41	-35.7%	32.04	-17.7%	39	46	-14.6%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-	0	0	-
ELEC FINSETTLED	47	0	0	-	0	-	0	5.04	-100.0%
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	0.85	-100.0%
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	93.17	-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	7.3	-100.0%
ELEC WEST POWER PEAK	MDC	0	0	-	0	-	19	21.39	-11.1%
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-	0	6.4	-100.0%
ERCOT NORTH ZMCPPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPPE 5MW OFFPEAK SWA	I6	0	0	-	0	-	0	16.98	-100.0%
ERCOT NORTH ZMCPPE 5MW PEAK	I5	0	0	-	17.39	-100.0%	10	0.93	998.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	187	144.43	29.5%	126.83	47.5%	183	132.17	38.8%

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EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0.96	-87.1%
EURO 3.5% FUEL OIL RDAM B	KR	19	27	-30.8%	24.22	-22.8%	28	18.87	49.3%
EURO 3.5% FUEL OIL SPREAD	FK	12	23.14	-50.0%	24.83	-53.4%	23	37.89	-39.3%
EURO-DENOMINATED PETRO PROD	NCP	23	0	-	0	-	17	4.41	274.9%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.01	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	5.71	-100.0%	0.65	-100.0%	2	3.16	-22.6%
EUROPE 1% FUEL OIL NWE CA	UF	8	7.05	8.3%	3.91	95.0%	7	6.15	9.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	0.62	-49.0%	0.43	-27.4%	0	0.56	-65.0%
EUROPE 3.5% FUEL OIL MED	UI	3	27.86	-88.7%	8.35	-62.2%	14	18.06	-25.2%
EUROPE 3.5% FUEL OIL RDAM	UV	330	263.76	25.1%	480.52	-31.3%	479	363.38	31.8%
EUROPEAN GASOIL (ICE)	7F	110	7,519.48	-98.5%	164.3	-32.9%	137	6,246.77	-97.8%
EUROPEAN NAPHTHA BALMO	KZ	20	7.24	182.9%	18.26	12.1%	19	8.96	111.5%
EUROPEAN NAPHTHA CRACK SPR	EN	275	160.43	71.4%	354	-22.3%	357	275.25	29.9%
EUROPE DATED BRENT SWAP	UB	0	2.38	-100.0%	16.26	-100.0%	5	105.71	-95.1%
EUROPE JET KERO NWE CALSW	UJ	1	0	-	1.57	-59.6%	1	0.15	293.0%
EUROPE NAPHTHA CALSWAP	UN	138	62.48	120.3%	128.91	6.8%	135	75.06	79.7%
EURO PROPANE CIF ARA SWA	PS	48	74.38	-35.9%	55.91	-14.7%	60	62.75	-4.9%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	0	32.98	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	8.76	-100.0%	0	-	0	21.62	-100.0%
FREIGHT MARKETS	FLP	3	9.14	-65.5%	4.61	-31.5%	4	10.15	-58.0%
FUEL OIL CRACK VS ICE	FO	146	229.05	-36.1%	249.61	-41.4%	187	203.14	-7.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.13	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	5.08	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.21	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	9	22.1	-60.2%	12	-26.8%	14	15.99	-12.4%
GAS EURO-BOB OXY NWE BARGES	7H	409	366.43	11.5%	356.74	14.6%	387	326.72	18.6%
GAS EURO-BOB OXY NWE BARGES CRK	7K	865	622.38	39.0%	1,077.7	-19.7%	1,020	701.19	45.4%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0.24	-100.0%	0	-	0	0.02	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0.38	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	1	0.77	-20.2%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0.2	-100.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0.24	-100.0%	0	-	0	0.02	1147.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.02	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	6	0.48	1226.3%	0	-	1	0.48	211.1%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0.22	21.1%	1	0.12	366.9%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.06	-100.0%

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Energy Futures									
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.01	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	5.22	-95.0%	6	3.76	51.0%
GASOIL BULLET SWAP	BG	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	1	6.29	-87.4%	0	-	0	1.4	-70.8%
GASOIL CRACK SPREAD CALEN	GZ	452	184.76	144.6%	251.3	79.8%	403	257.37	56.7%
GASOIL MINI CALENDAR SWAP	QA	4	8.24	-50.2%	11.78	-65.2%	8	11.03	-26.7%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	0	3.21	-100.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	1.19	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	269	75.71	255.3%	81.52	230.0%	142	129.54	9.7%
GRP THREE UNL GS (PLT) VS	A8	43	35.71	20.1%	40.22	6.7%	32	66.73	-52.7%
GULF COAST 3% FUEL OIL BA	VZ	66	48.33	35.7%	23.61	177.8%	58	38.32	52.6%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	5.16	-100.0%
GULF COAST JET FUEL CLNDR	GE	11	19.52	-43.9%	6	82.5%	6	7.63	-26.2%
GULF COAST JET VS NYM 2 H	ME	1,394	1,529.33	-8.8%	2,519.83	-44.7%	2,169	1,541.62	40.7%
GULF COAST NO.6 FUEL OIL	MF	2,795	2,680.95	4.3%	2,745.39	1.8%	3,051	2,706.21	12.7%
GULF COAST NO.6 FUEL OIL	MG	82	3.43	2287.0%	33.57	143.8%	86	62.75	37.1%
GULF COAST ULSD CALENDAR	LY	29	39.76	-28.1%	9.3	207.2%	19	41.95	-53.7%
GULF COAST ULSD CRACK SPR	GY	0	71.29	-100.0%	43.48	-100.0%	12	27.7	-55.4%
HEATING OIL BALMO CLNDR S	1G	10	2.14	378.9%	7.61	34.9%	5	1.9	140.3%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-	0	0.08	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	538	2,058.38	-73.8%	511.65	5.2%	436	795.85	-45.2%
HENRY HUB INDEX SWAP FUTU	IN	538	2,006	-73.2%	418.7	28.6%	417	721.66	-42.3%
HENRY HUB SWAP	NN	8,899	22,132.1	-59.8%	7,611.35	16.9%	7,756	19,850.33	-60.9%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	1.15	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	51	5.9	763.7%	0	-	12	126.38	-90.5%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	0	0.74	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	929	0	-	332.61	179.4%	520	131.6	294.9%
IN DELIVERY MONTH EUA	6T	150	86.95	72.5%	0	-	35	147.78	-76.2%
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	0.44	-100.0%
INDIANA MISO	PDM	0	0	-	0	-	0	0	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-

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Energy Futures									
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0	-	0	-	0	0.87	-92.9%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.08	55.5%
JAPAN C&F NAPHTHA CRACK S	JB	21	10.9	94.5%	22.48	-5.6%	22	19.62	13.6%
JAPAN C&F NAPHTHA SWAP	JA	161	42.19	280.9%	60.87	164.0%	86	61.59	39.1%
JAPAN NAPHTHA BALMO SWAP	E6	34	0.95	3503.1%	1.3	2531.0%	10	1.93	398.7%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0.9	-100.0%	0	-	0	0.68	-100.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.09	-100.0%
JET CIF NWE VS ICE	JC	5	5.48	-13.5%	9.57	-50.5%	5	3.53	32.8%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.01	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.12	3.8%
JET FUEL UP-DOWN BALMO CL	1M	341	227.29	50.0%	647	-47.3%	371	226.49	63.9%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0.21	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	8	44.52	-82.3%	5.87	34.5%	8	31.37	-73.0%
LA CARBOB GASOLINE(OPIS)S	JL	3	10.71	-75.4%	10.87	-75.8%	9	23.61	-63.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	1.19	-100.0%	0	-	0	3.33	-90.7%
LA JET (OPIS) SWAP	JS	34	83.33	-58.9%	58.7	-41.7%	86	87.75	-2.1%
LLS (ARGUS) VS WTI SWAP	WJ	299	233.81	28.1%	95.87	212.4%	261	282.63	-7.5%
MARS (ARGUS) VS WTI SWAP	YX	159	223.81	-28.7%	64.13	148.7%	175	214.63	-18.5%
MARS (ARGUS) VS WTI TRD M	YV	828	326.9	153.2%	1,096.39	-24.5%	1,185	556.66	112.9%
MARS BLEND CRUDE OIL	MB	241	20.86	1056.0%	16.04	1402.8%	121	78.55	53.5%
MCCLOSKEY ARA ARGS COAL	MTF	2,016	9,254.29	-78.2%	2,165.39	-6.9%	2,625	7,118.4	-63.1%
MCCLOSKEY RCH BAY COAL	MFF	280	897.48	-68.8%	245.65	14.0%	317	760.18	-58.3%
MGF FUT	MGF	2	1.9	-3.3%	7.04	-73.8%	2	0.4	512.9%
MGN1 SWAP FUT	MGN	5	5.29	-10.4%	5.22	-9.2%	7	6.7	-0.2%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-	0	8.73	-100.0%
MICHIGAN BASIS	NF	0	180.29	-100.0%	0	-	32	108.52	-70.5%
MICHIGAN MISO	HMO	0	0	-	0	-	729	506.51	43.9%
MICHIGAN MISO	HMW	0	0	-	0	-	39	28.73	37.3%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	27	20.29	32.1%	20.13	33.1%	20	21.54	-5.7%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	12	0	-	0	-	15	15.44	-5.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	173	52.81	227.8%	80.61	114.7%	121	86.07	40.5%
MJC FUT	MJC	0	3.33	-100.0%	6.52	-100.0%	3	3.55	-9.6%
MNC FUT	MNC	239	201.81	18.4%	248.91	-4.0%	224	189.75	18.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	962	2,358.29	-59.2%	976.7	-1.5%	1,642	2,344.29	-30.0%

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Energy Futures									
MONT BELVIEU ETHANE OPIS BALMO	8C	11	3.1	240.1%	3.26	222.8%	24	7.62	211.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	3,376	4,047.43	-16.6%	4,871.61	-30.7%	4,672	5,339.44	-12.5%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	72	5.1	1311.0%	33.65	113.6%	112	47.89	134.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	134	305.19	-56.0%	189.04	-28.9%	233	363.36	-36.0%
MONT BELVIEU NATURAL GASOLINE BALM	R0	8	10.14	-19.6%	9.13	-10.7%	17	7.86	115.3%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,560	830.38	87.9%	1,629.7	-4.3%	1,531	1,370.19	11.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	21	7.86	171.3%	76.09	-72.0%	52	28.62	81.3%
NAT GAS BASIS SWAP	TZ6	24	180.29	-86.8%	0	-	21	151.05	-85.8%
NATURAL GAS	HBI	0	0	-	0	-	0	14.05	-100.0%
NATURAL GAS	XIC	0	0	-	1.91	-100.0%	1	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	MFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	PFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	WFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	ZTS	0	0	-	0	-	0	0	-
NATURAL GAS INDEX	TZI	0	0	-	26.09	-100.0%	8	26.6	-69.5%
NATURAL GAS PEN SWP	NP	3,221	3,818.05	-15.6%	5,198.35	-38.0%	5,183	5,279.02	-1.8%
NEPOOL CNCTCT 5MW D AH O	P3	0	567.86	-100.0%	0	-	0	47.32	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	30.24	-100.0%	0	-	0	2.52	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	3,384	567.86	496.0%	323.48	946.2%	2,730	2,060.99	32.4%
NEPOOL INTR HUB 5MW D AH	U6	183	30.24	505.7%	18.26	903.0%	128	181.09	-29.1%
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	2.54	-100.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-	0	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-	0	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-	0	0	-
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-	0	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-	0	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-	0	15.87	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	6.69	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	28	51.9	-46.3%	30.87	-9.6%	30	70.93	-58.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-

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Energy Futures									
NGPL MID-CONTINENT	NL	0	248.67	-100.0%	0	-	9	119.06	-92.3%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-	0	31.12	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-	0	2.46	-100.0%
NGPL TEX/OK	PD	0	94.48	-100.0%	34.78	-100.0%	10	134.41	-92.7%
NGPL TEXOK INDEX	OI	0	0	-	0	-	0	1.43	-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	22	4.76	369.7%	13.04	71.5%	33	13.54	140.3%
NORTHEN NATURAL GAS DEMAR	PE	0	32.57	-100.0%	0	-	0	16.32	-100.0%
NORTHEN NATURAL GAS VENTU	PF	0	117.48	-100.0%	0	-	0	36.57	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	19	1,124.57	-98.3%	2.7	618.5%	8	725.03	-99.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	107	104.19	3.2%	76.52	40.4%	135	118.83	13.6%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	1.94	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	42	5.95	607.4%	12.39	239.8%	28	9.72	187.0%
NY HARBOR 1% FUEL OIL BAL	VK	1	0	-	0	-	0	0.6	-48.5%
NY HARBOR HEAT OIL SWP	MP	171	44.14	288.0%	88.74	93.0%	124	116.35	6.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	18	82.14	-77.9%	42.39	-57.2%	27	26.13	2.6%
NY HARBOR RESIDUAL FUEL 1	MM	146	144.57	0.8%	227.17	-35.8%	169	155.08	8.9%
NYH NO 2 CRACK SPREAD CAL	HK	72	42.67	69.5%	97.39	-25.7%	91	89.93	1.0%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-	0	0	-
NYISO A	KA	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	0	-
NYISO CAPACITY	LHV	1	0	-	0.65	-3.2%	3	1.26	102.5%
NYISO CAPACITY	NNC	4	1.43	209.5%	24.78	-82.2%	17	7.85	117.2%
NYISO CAPACITY	NRS	4	8.81	-55.2%	18.3	-78.4%	9	9.81	-4.4%
NYISO G	KG	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-
NYISO J	KJ	0	4.1	-100.0%	0	-	0	0.68	-100.0%
NYISO J OFF-PEAK	KK	0	1.9	-100.0%	0	-	0	0.32	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	3,354.29	-100.0%	0	-	116	1,024.15	-88.7%
NYISO ZONE A 5MW D AH PK	K3	0	10	-100.0%	0	-	83	26.03	218.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	215.44	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	0	6	-100.0%
NYISO ZONE G 5MW D AH O P	D2	2,463	4,801.9	-48.7%	1,340.87	83.7%	3,200	1,763.81	81.4%

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Energy Futures									
NYISO ZONE G 5MW D AH PK	T3	157	45	249.7%	359.78	-56.3%	303	159.87	89.6%
NYISO ZONE J 5MW D AH O P	D4	1,232	445.33	176.6%	0	-	1,642	775.68	111.7%
NYISO ZONE J 5MW D AH PK	D3	90	24.38	268.1%	101.74	-11.8%	115	57.27	101.5%
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	14	0.57	2433.0%	46.09	-68.6%	87	38.18	127.9%
ONEOK OKLAHOMA NG BASIS	8X	0	8.86	-100.0%	0	-	0	5.6	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	0.63	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	14.88	-100.0%
ONTARIO POWER SWAPS	OPD	0	0.95	-100.0%	0.43	-100.0%	2	1.94	-11.1%
ONTARIO POWER SWAPS	OPM	17	10	73.7%	0	-	7	2.16	208.3%
PANHANDLE BASIS SWAP FUTU	PH	0	560.81	-100.0%	0	-	1	385.48	-99.8%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	0	13.78	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	37.57	-100.0%	11	0	-
PERMIAN BASIS SWAP	PM	11	157.05	-92.8%	0	-	3	246.34	-98.9%
PETROCHEMICALS	22	3	4.81	-30.0%	4.52	-25.5%	4	2.35	60.8%
PETROCHEMICALS	32	5	0.9	423.5%	4.52	4.8%	6	3.24	91.9%
PETROCHEMICALS	8I	8	5.1	61.1%	78.26	-89.5%	35	12.92	169.7%
PETROCHEMICALS	91	9	16.1	-46.0%	10.13	-14.3%	12	7.96	47.1%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.19	-100.0%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0.43	-100.0%	1	0.44	41.4%
PETROCHEMICALS	MAE	0	2.38	-100.0%	0.43	-100.0%	0	1.81	-93.2%
PETROCHEMICALS	MAS	1	1.43	-26.3%	0.43	142.1%	1	4.01	-64.6%
PETROCHEMICALS	MBE	23	123.33	-81.2%	33.7	-31.3%	50	128.43	-61.2%
PETROCHEMICALS	MNB	58	24.05	139.2%	45.39	26.7%	44	87.22	-49.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	1	4.17	-68.9%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	2.78	-100.0%	3	0.25	1183.2%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-	0	0.91	-100.0%
PETRO CRCKS & SPRDS NA	CRB	0	2.76	-100.0%	0	-	8	5.99	25.8%
PETRO CRCKS & SPRDS NA	EXR	93	72.1	29.6%	133.57	-30.1%	145	81.09	79.0%
PETRO CRCKS & SPRDS NA	FOC	59	41.67	42.1%	43.04	37.6%	43	47.4	-9.1%
PETRO CRCKS & SPRDS NA	GBB	43	8.33	414.7%	32.17	33.3%	40	18.89	109.5%
PETRO CRCKS & SPRDS NA	GCC	18	2.38	673.7%	14.13	30.4%	8	11.81	-29.4%
PETRO CRCKS & SPRDS NA	GCI	52	32.52	59.2%	75.22	-31.1%	68	60.73	11.7%

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Energy Futures									
PETRO CRCKS & SPRDS NA	GCM	0	0.81	-100.0%	0	-	0	1.54	-100.0%
PETRO CRCKS & SPRDS NA	GCU	312	461	-32.4%	240.3	29.7%	359	350.44	2.5%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	8.7	-100.0%	6	1.5	298.1%
PETRO CRCKS & SPRDS NA	HOB	240	145.57	64.9%	97.3	146.7%	133	151.03	-12.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.12	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	9.52	-100.0%	3.74	-100.0%	1	4	-73.5%
PETRO CRCKS & SPRDS NA	NYF	16	0	-	0	-	7	1.94	281.0%
PETRO CRCKS & SPRDS NA	NYH	0	14.29	-100.0%	0	-	0	1.79	-100.0%
PETRO CRCKS & SPRDS NA	RBB	359	388.38	-7.6%	344.96	4.0%	447	510.08	-12.4%
PETRO CRCKS & SPRDS NA	RVG	1,029	326.71	215.1%	758.91	35.7%	822	435.31	88.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.25	-70.8%
PETRO CRK&SPRD EURO	1NB	45	47.86	-6.8%	76.04	-41.4%	72	77.16	-6.4%
PETRO CRK&SPRD EURO	43	16	7.52	107.1%	8.74	78.3%	11	9.44	18.5%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	106	95.38	11.5%	97.74	8.8%	118	118.55	-0.5%
PETRO CRK&SPRD EURO	EOB	0	0.48	-100.0%	2.09	-100.0%	1	0.38	118.1%
PETRO CRK&SPRD EURO	EPN	15	15.24	-2.6%	25.04	-40.7%	19	12.62	49.7%
PETRO CRK&SPRD EURO	EVC	121	105.33	14.5%	159	-24.1%	159	98	62.3%
PETRO CRK&SPRD EURO	FBT	0	9.05	-100.0%	0	-	0	1.9	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	8.7	-100.0%	5	4.48	10.1%
PETRO CRK&SPRD EURO	GOC	0	1.86	-100.0%	0.22	-100.0%	0	0.55	-21.7%
PETRO CRK&SPRD EURO	MGB	0	0	-	1.3	-100.0%	1	0.16	444.5%
PETRO CRK&SPRD EURO	MUD	8	2.9	189.9%	9.65	-12.8%	8	5.16	54.5%
PETRO CRK&SPRD EURO	NBB	1	0.24	474.7%	0	-	1	0.88	-9.9%
PETRO CRK&SPRD EURO	NOB	62	5.52	1014.8%	63.83	-3.5%	56	27.09	105.0%
PETRO CRK&SPRD EURO	SFB	1	0	-	0	-	2	0.65	192.2%
PETROLEUM PRODUCTS	D46	0	0	-	0	-	0	0.12	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0.06	-100.0%
PETROLEUM PRODUCTS	EWG	161	0	-	110.22	46.0%	162	87.31	85.2%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-	1	2.22	-55.5%
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0.12	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	-	0	-	0	5.41	-100.0%
PETROLEUM PRODUCTS	VU	11	0.57	1742.2%	0.65	1514.0%	9	16.12	-46.1%
PETROLEUM PRODUCTS ASIA	E6M	2	9.76	-74.7%	0	-	1	1.99	-61.6%

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Energy Futures									
PETROLEUM PRODUCTS ASIA	MJN	108	61.48	75.0%	93.52	15.0%	92	64.08	43.3%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0B	0	14	-100.0%	0	-	1	6.37	-91.7%
PETRO OUTRIGHT EURO	0C	0	0.48	-100.0%	0	-	0	1.25	-100.0%
PETRO OUTRIGHT EURO	0D	94	223.14	-57.9%	131.52	-28.5%	131	191.74	-31.5%
PETRO OUTRIGHT EURO	0E	29	59.95	-51.6%	29.39	-1.3%	32	46.75	-30.9%
PETRO OUTRIGHT EURO	0F	94	46.19	102.8%	70.87	32.2%	72	59.84	20.1%
PETRO OUTRIGHT EURO	1T	1	0	-	1.57	-59.6%	1	0.08	646.3%
PETRO OUTRIGHT EURO	33	0	2	-100.0%	2.61	-100.0%	1	1.42	-30.3%
PETRO OUTRIGHT EURO	5L	2	5	-68.4%	3.7	-57.3%	4	9.51	-56.6%
PETRO OUTRIGHT EURO	63	6	9.29	-40.5%	0.22	2442.0%	6	7.3	-21.9%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	3	12.86	-79.5%	0.74	256.1%	5	8.14	-38.0%
PETRO OUTRIGHT EURO	7R	6	13	-51.8%	14.57	-57.0%	10	14.41	-28.3%
PETRO OUTRIGHT EURO	88	0	0.71	-100.0%	0	-	0	0.24	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	1	0.12	335.7%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.02	-100.0%
PETRO OUTRIGHT EURO	CPB	4	5.1	-22.5%	24.83	-84.1%	21	5.88	255.4%
PETRO OUTRIGHT EURO	EFF	3	3.57	-26.3%	1.96	34.5%	3	2.37	40.7%
PETRO OUTRIGHT EURO	EFM	9	0	-	0.22	3918.8%	4	3.27	11.9%
PETRO OUTRIGHT EURO	ENS	0	3.9	-100.0%	0	-	1	4.65	-84.1%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	60	5.95	912.4%	26.35	128.7%	39	9.21	318.1%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-	0	0.16	55.6%
PETRO OUTRIGHT EURO	MBB	0	0	-	1.3	-100.0%	1	0.33	344.5%
PETRO OUTRIGHT EURO	MBN	15	53.62	-72.5%	45.65	-67.7%	31	66.1	-53.0%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	1.35	-100.0%
PETRO OUTRIGHT EURO	T0	0	3.1	-100.0%	0	-	1	5.27	-74.2%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	5	1.94	138.1%
PETRO OUTRIGHT EURO	V0	0	0	-	3.26	-100.0%	2	1.55	19.7%
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0.2	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	0.6	-100.0%
PETRO OUTRIGHT NA	FCB	2	4.24	-60.3%	9.09	-81.5%	7	12.59	-45.7%
PETRO OUTRIGHT NA	FOM	2	0	-	0.43	263.1%	0	0.03	1457.7%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0.03	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0.05	-100.0%

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Energy Futures									
PETRO OUTRIGHT NA	JE	0	0	-	0.78	-100.0%	0	1.74	-87.2%
PETRO OUTRIGHT NA	JET	173	73.81	134.1%	198.83	-13.1%	227	253.41	-10.6%
PETRO OUTRIGHT NA	MBL	0	0	-	3.35	-100.0%	2	1.29	29.2%
PETRO OUTRIGHT NA	MEN	42	39.43	6.4%	39.52	6.1%	38	30.14	24.8%
PETRO OUTRIGHT NA	MEO	480	423.76	13.3%	686.04	-30.0%	579	478.22	21.0%
PETRO OUTRIGHT NA	MFD	0	2.1	-100.0%	0	-	0	4.47	-100.0%
PETRO OUTRIGHT NA	MMF	2	12.33	-82.9%	1.22	72.9%	4	7.92	-43.4%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	8	0.89	764.2%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	1,684.29	-100.0%	184.35	-100.0%	3,261	6,076.04	-46.3%
PJM AD HUB 5MW REAL TIME	Z9	134	433.33	-69.0%	55.65	141.2%	231	421.66	-45.2%
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	-	578	133.71	332.1%
PJM ATSI ELEC	MPD	0	0	-	0	-	31	7.12	342.0%
PJM BGE DA OFF-PEAK	R3	0	1,114.29	-100.0%	0	-	0	92.86	-100.0%
PJM BGE DA PEAK	E3	0	60.71	-100.0%	0	-	0	5.06	-100.0%
PJM COMED 5MW D AH O PK	D9	2,463	4,457.14	-44.7%	0	-	1,054	1,021.75	3.2%
PJM COMED 5MW D AH PK	D8	134	242.86	-44.7%	0	-	58	58.13	-0.7%
PJM DAILY	JD	0	0	-	0	-	0	5.16	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	380.95	-100.0%	0	-	2,617	218.25	1099.2%
PJM DAYTON DA PEAK	D7	0	0	-	8.7	-100.0%	65	92.95	-30.3%
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	1,796	466.67	284.9%	200.87	794.3%	849	375.59	126.0%
PJM NI HUB 5MW REAL TIME	B6	34,893	9,497.14	267.4%	5,307.83	557.4%	19,423	10,443.92	86.0%
PJM NILL DA OFF-PEAK	L3	26,537	5,767.62	360.1%	429.17	6083.2%	8,127	4,709.33	72.6%
PJM NILL DA PEAK	N3	1,031	242.86	324.6%	22.35	4514.6%	450	192.89	133.5%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-	0	0.56	-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	2,228.57	-100.0%	0	-	0	650	-100.0%
PJM PSEG DA PEAK	L6	0	121.43	-100.0%	0	-	0	20.24	-100.0%

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Energy Futures									
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	12,257.14	-100.0%	0	-	93	4,480.6	-97.9%
PJM WESTHDA PEAK	J4	46	667.86	-93.1%	0	-	17	247.35	-93.3%
PJM WESTH RT OFF-PEAK	N9	34,394	37,139.29	-7.4%	8,348.04	312.0%	15,022	26,739.88	-43.8%
PJM WESTH RT PEAK	L1	1,675	2,781.86	-39.8%	554.13	202.2%	1,065	2,607.9	-59.2%
PLASTICS	PGP	38	23.86	59.5%	15.87	139.8%	26	20.35	28.5%
PREMIUM UNLD 10P FOB MED	3G	1	22.86	-97.7%	2.7	-80.5%	3	11.46	-75.1%
PREMIUM UNLEAD 10PPM FOB	8G	1	2.52	-70.8%	0.22	238.9%	0	1.52	-71.5%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0.3	-100.0%	0	0.03	210.8%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	1.71	-100.0%	0.48	-100.0%	0	1.09	-63.7%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	6	0	-	22.61	-71.6%	43	23.8	79.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	275	571.24	-51.9%	436.3	-37.0%	453	550.42	-17.8%
RBOB CALENDAR SWAP	RL	382	317.05	20.4%	240.74	58.6%	363	320.24	13.3%
RBOB CRACK SPREAD	RM	19	29.48	-35.7%	14.57	30.1%	24	74.62	-67.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	1.63	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	25	1.14	2069.0%	14.91	66.2%	30	43.97	-32.2%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-	0	1.18	-100.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-	0	36.52	-100.0%
RBOB VS HEATING OIL SWAP	RH	33	79.76	-58.8%	64.13	-48.7%	118	86.92	36.1%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	0	4.15	-100.0%
SAN JUAN BASIS SWAP	NJ	11	538.57	-97.9%	0	-	3	302.16	-99.1%
SINGAPORE 180CST BALMO	BS	6	8.62	-32.8%	2.61	121.9%	3	2.34	27.6%
SINGAPORE 380CST BALMO	BT	16	4.9	229.4%	6.87	135.2%	10	7.67	36.3%
SINGAPORE 380CST FUEL OIL	SE	509	288.67	76.5%	513.57	-0.8%	620	401.08	54.7%
SINGAPORE FUEL 180CST CAL	UA	69	60.95	12.9%	34.91	97.0%	67	56.38	18.2%
SINGAPORE FUEL OIL SPREAD	SD	36	13.52	163.9%	30.7	16.3%	44	30.5	45.4%
SINGAPORE GASOIL	MTB	7	12.14	-45.8%	6.96	-5.4%	8	12.37	-34.8%
SINGAPORE GASOIL	MTS	221	166.24	32.9%	237.65	-7.0%	255	182.73	39.6%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.4	-100.0%
SINGAPORE GASOIL	STZ	0	0	-	13.04	-100.0%	5	0.71	591.3%
SINGAPORE GASOIL CALENDAR	MSG	21	4.29	391.2%	32.17	-34.6%	19	2.58	652.2%
SINGAPORE GASOIL SWAP	SG	460	448.29	2.7%	670.39	-31.3%	555	324.15	71.2%
SINGAPORE GASOIL VS ICE	GA	256	49.05	421.0%	757.78	-66.3%	547	178.19	206.8%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	3	0.62	412.6%

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Energy Futures									
SINGAPORE JET KERO GASOIL	RK	120	38.33	212.4%	91.96	30.2%	118	57.48	105.8%
SINGAPORE JET KEROSENE SW	KS	59	26.19	126.1%	40.87	44.9%	71	33.12	115.0%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0.2	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	17	64.29	-74.2%	0	-	5	23.62	-77.9%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	404	351.43	14.9%	238.35	69.3%	426	477.25	-10.6%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.08	-100.0%
SING FUEL	MSD	1	0.24	121.0%	0.65	-19.3%	0	0.28	55.5%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	23.27	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	17.52	-100.0%	0	-	0	2.2	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	2.43	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	12.57	-100.0%	0	-	0	9.1	-100.0%
Sumas Basis Swap	NK	37	94.1	-60.7%	65.04	-43.2%	45	71.66	-37.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	0	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.06	-100.0%
TCO BASIS SWAP	TC	256	11.81	2069.5%	63.78	301.7%	89	136.29	-34.6%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0.95	-100.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	0	5.1	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	18.61	-100.0%	5	6.47	-18.3%
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	6.06	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	12.02	-100.0%
TETCO M-3 INDEX	IX	0	64.38	-100.0%	0	-	0	43.38	-100.0%
Tetco STX Basis	TX	0	0	-	0	-	0	6.39	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	484.76	-100.0%	37.22	-100.0%	93	334.21	-72.1%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0.98	-100.0%
Transco Zone 3 Basis	CZ	16	0	-	0	-	4	4.1	-9.0%
TRANSCO ZONE 3 NG INDEX S	Y6	329	0	-	0	-	77	0	-
TRANSCO ZONE4 BASIS SWAP	TR	21	193.1	-89.0%	27.91	-24.0%	73	113.58	-36.0%
TRANSCO ZONE 4 NAT GAS IN	B2	24	23.62	3.6%	0	-	6	5.78	-0.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	33.86	-100.0%	13.13	-100.0%	35	59.06	-40.0%
TRANSCO ZONE 6 INDEX	IT	0	81.9	-100.0%	0	-	11	26.75	-60.5%
UCM FUT	UCM	1	0.95	10.5%	1.3	-19.3%	1	1.4	-28.6%
ULSD 10PPM CIF MED BALMO	X7	0	1.67	-100.0%	0	-	0	0.15	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	1	1.67	-52.6%	0.43	81.6%	0	0.18	72.8%
ULSD 10PPM CIF MED VS ICE	Z7	1	0	-	0	-	0	0.79	-67.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.14	-100.0%
ULSD UP-DOWN BALMO SWP	1L	143	266.67	-46.4%	166.74	-14.3%	211	299.93	-29.6%

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Commodity		ADV APR 2017	ADV APR 2016	% CHG	ADV MAR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Energy Futures									
UP DOWN GC ULSD VS NMX HO	LT	1,722	2,486.95	-30.8%	1,789.61	-3.8%	2,142	2,460	-12.9%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	0.69	-100.0%
WAHA BASIS	NW	8	137.1	-94.2%	0	-	11	177.18	-93.9%
WAHA INDEX SWAP FUTURE	IY	0	145.71	-100.0%	0	-	0	34.63	-100.0%
WESTERN RAIL DELIVERY PRB	QP	10	77.86	-86.8%	5.22	96.7%	9	37.07	-75.5%
WTI-BRENT BULLET SWAP	BY	0	0	-	8.7	-100.0%	5	1.98	151.4%
WTI-BRENT CALENDAR SWAP	BK	273	275.48	-0.9%	176.17	54.9%	405	544.67	-25.6%
WTI CALENDAR	CS	1,930	1,553.86	24.2%	1,420.83	35.9%	1,845	1,539.41	19.9%
WTS (ARGUS) VS WTI SWAP	FF	330	0	-	161.09	104.9%	206	221.04	-7.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	82.86	-100.0%	25.65	-100.0%	30	49.09	-39.4%

Energy Options

1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	1	190.48	-99.4%	0	-	24	60.46	-59.5%
BRENT OIL LAST DAY	BE	451	119.86	276.4%	225.65	99.9%	181	174.17	4.1%
BRENT OIL LAST DAY	BZO	844	248.43	239.7%	842.7	0.1%	912	1,029.52	-11.4%
BRENT OIL LAST DAY	OS	0	58.62	-100.0%	43.48	-100.0%	13	48.55	-73.3%
COAL API2 INDEX	CLA	76	118.1	-35.6%	53.91	41.1%	66	215.79	-69.5%
COAL API2 INDEX	CQA	0	1,064.29	-100.0%	22.17	-100.0%	7	412.24	-98.3%
COAL API2 INDEX	MTC	0	7.14	-100.0%	0	-	1	0.69	-11.1%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.4	-100.0%
COAL API4 INDEX	RQA	0	6.19	-100.0%	0	-	0	6.11	-100.0%
COAL SWAP	CPF	0	0.95	-100.0%	0	-	2	2.32	-25.5%
COAL SWAP	RPF	0	1.9	-100.0%	1.96	-100.0%	1	4.31	-75.6%
CRUDE OIL 1MO	WA	6,514	9,090.29	-28.3%	9,395.7	-30.7%	8,194	11,928.47	-31.3%
CRUDE OIL APO	AO	2,117	1,028.1	105.9%	975.78	117.0%	1,703	1,624.1	4.8%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	9.09	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	CD	60	100	-40.3%	88.04	-32.2%	81	152.48	-46.9%
CRUDE OIL PHY	LC	1,942	1,104.33	75.8%	1,950.83	-0.5%	1,654	1,366.94	21.0%
CRUDE OIL PHY	LO	209,426	177,602.71	17.9%	223,565.48	-6.3%	183,315	182,063.46	0.7%
CRUDE OIL PHY	LO1	538	95.57	462.5%	464.57	15.7%	454	328.55	38.3%
CRUDE OIL PHY	LO2	338	143.76	134.8%	691.39	-51.2%	399	193.51	106.0%
CRUDE OIL PHY	LO3	709	3.38	20881.6%	299.65	136.7%	365	140.5	159.5%

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Energy Options									
CRUDE OIL PHY	LO4	1,060	218.14	385.8%	340.61	211.2%	573	224.04	155.8%
CRUDE OIL PHY	LO5	0	190	-100.0%	592.74	-100.0%	168	113.67	48.1%
ELEC FINSETTLED	PML	0	1.76	-100.0%	0	-	0	1.05	-100.0%
ELEC MISO PEAK	9T	0	0	-	35.65	-100.0%	10	13.57	-25.4%
ETHANOL	CE1	1	0	-	1.52	-48.1%	1	0.5	61.8%
ETHANOL	CE3	0	0	-	0	-	4	1.29	187.2%
ETHANOL SWAP	CVR	284	415.76	-31.7%	218.78	29.8%	268	339.93	-21.2%
ETHANOL SWAP	GVR	27	45.24	-40.1%	11.09	144.5%	10	14.56	-34.7%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0.24	-100.0%
GASOLINE	GCE	0	0	-	0	-	0	3.46	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	1.19	-100.0%
HEATING OIL PHY	LB	0	30	-100.0%	0	-	11	19	-41.5%
HEATING OIL PHY	OH	1,399	2,517.67	-44.4%	1,289.83	8.5%	1,305	2,406.8	-45.8%
HENRY HUB FINANCIAL LAST	E7	183	46.57	293.3%	119.74	53.0%	199	114.69	73.7%
HO 1 MONTH CLNDR OPTIONS	FA	68	47.62	43.7%	0	-	16	23.41	-31.5%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	87.14	-100.0%	78.26	-100.0%	63	46.55	35.3%
MCCLOSKEY ARA ARGS COAL	MTO	0	57.14	-100.0%	23.48	-100.0%	7	37.72	-82.3%
MCCLOSKEY RCH BAY COAL	MFO	0	21.43	-100.0%	0	-	0	9.86	-100.0%
NATURAL GAS	G10	13	0	-	0	-	3	1.98	55.6%
NATURAL GAS 1 M CSO FIN	G4	5,774	125	4518.9%	769.57	650.3%	2,046	669.48	205.6%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	86.96	-100.0%	34	17.88	89.9%
NATURAL GAS 3 M CSO FIN	G3	303	1,053.57	-71.3%	378.26	-20.0%	243	905.48	-73.2%
NATURAL GAS 5 M CSO FIN	G5	43	30.95	40.3%	51.09	-15.0%	50	4.76	950.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	874.78	-100.0%	418	44.74	834.6%
NATURAL GAS OPTION ON CALENDAR STR	6J	6	1.9	231.6%	137.39	-95.4%	47	111.38	-57.9%
NATURAL GAS PHY	KD	1,540	1,826	-15.6%	1,629.7	-5.5%	1,469	1,491.62	-1.5%
NATURAL GAS PHY	LN	98,622	73,483.86	34.2%	101,786.96	-3.1%	112,773	93,333.51	20.8%
NATURAL GAS PHY	ON	8,294	14,011.86	-40.8%	8,668.39	-4.3%	10,319	13,668.5	-24.5%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0.01	-100.0%
NG HH 3 MONTH CAL	IC	0	0	-	0	-	0	1.98	-100.0%
N ROCKIES PIPE SWAP	ZR	24	30	-21.1%	19.57	21.1%	19	25.95	-28.4%
NY HARBOR HEAT OIL SWP	AT	168	130.76	28.4%	108.87	54.2%	151	269.04	-43.8%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	245	44.29	452.8%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0.12	-100.0%

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Energy Options									
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	125.22	-100.0%	36	0	-
PETROCHEMICALS	4H	27	125.71	-78.4%	15.09	79.7%	28	45.58	-37.8%
PETROCHEMICALS	4J	13	0	-	2.17	517.4%	27	26.81	0.4%
PETROCHEMICALS	4K	0	0	-	0	-	0	6.19	-100.0%
PETROCHEMICALS	CPR	1	0	-	0	-	0	2.06	-89.2%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	4	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	25	0	-	9.57	164.1%	31	4.84	547.7%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	40.87	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	92	7.81	1080.7%	74.35	24.0%	122	47.36	158.6%
RBOB 1MO CAL SPD OPTIONS	ZA	0	80.95	-100.0%	0	-	0	47.02	-100.0%
RBOB CALENDAR SWAP	RA	24	47.62	-49.2%	4.57	430.3%	25	26.76	-6.6%
RBOB PHY	OB	1,888	2,308.67	-18.2%	1,055.3	78.9%	1,155	1,549.92	-25.5%
RBOB PHY	RF	0	0	-	0	-	1	0.24	211.1%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	2.54	-100.0%
SAN JUAN PIPE SWAP	PJ	14	53.43	-73.4%	11.74	21.1%	11	36.14	-69.3%
SHORT TERM	U11	21	7.14	194.7%	0	-	14	12.72	13.6%
SHORT TERM	U12	17	4.76	259.2%	0	-	11	17.66	-35.7%
SHORT TERM	U13	3	49.33	-94.7%	4.35	-39.5%	12	17.31	-30.4%
SHORT TERM	U14	0	66.67	-100.0%	4.35	-100.0%	10	20.73	-52.4%
SHORT TERM	U15	0	9.52	-100.0%	25	-100.0%	20	14.9	33.8%
SHORT TERM	U22	0	9.52	-100.0%	8.7	-100.0%	6	16.69	-66.7%
SHORT TERM	U23	0	0	-	10.87	-100.0%	8	9.05	-15.4%
SHORT TERM	U24	38	0	-	8.7	341.8%	15	8.25	84.0%
SHORT TERM	U25	0	0	-	0	-	1	2	-38.4%
SHORT TERM	U26	1	0	-	0	-	0	6.27	-96.1%
SHORT TERM NATURAL GAS	U01	22	0	-	0	-	14	19.94	-28.8%
SHORT TERM NATURAL GAS	U02	0	38.1	-100.0%	11.52	-100.0%	11	19.05	-44.6%
SHORT TERM NATURAL GAS	U03	0	0	-	6.09	-100.0%	11	12.58	-12.7%
SHORT TERM NATURAL GAS	U04	7	20.24	-67.5%	0	-	2	19.84	-87.6%
SHORT TERM NATURAL GAS	U05	29	30.95	-6.5%	0	-	7	14.09	-47.4%
SHORT TERM NATURAL GAS	U06	32	26.19	20.6%	51.09	-38.2%	56	11.53	381.9%
SHORT TERM NATURAL GAS	U07	26	47.62	-44.7%	18.48	42.4%	21	20.24	2.2%
SHORT TERM NATURAL GAS	U08	0	16.52	-100.0%	0	-	23	13.98	63.4%
SHORT TERM NATURAL GAS	U09	0	0	-	9.35	-100.0%	17	22.29	-23.6%

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Energy Options									
SHORT TERM NATURAL GAS	U10	16	0	-	50	-68.4%	46	18.23	150.5%
SHORT TERM NATURAL GAS	U16	0	0	-	4.35	-100.0%	5	16.57	-70.2%
SHORT TERM NATURAL GAS	U17	0	0	-	6.52	-100.0%	14	5.58	155.8%
SHORT TERM NATURAL GAS	U18	0	5.95	-100.0%	0	-	0	12.12	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	-	0	-	10	7.32	35.7%
SHORT TERM NATURAL GAS	U20	3	9.52	-72.4%	4.35	-39.5%	19	6.67	182.4%
SHORT TERM NATURAL GAS	U21	13	2.38	452.6%	17.39	-24.3%	8	9.23	-11.0%
SHORT TERM NATURAL GAS	U27	6	14.29	-55.8%	1.09	481.0%	23	4.17	454.1%
SHORT TERM NATURAL GAS	U28	2	57.14	-95.9%	0	-	3	15.58	-80.6%
SHORT TERM NATURAL GAS	U29	0	35.71	-100.0%	0	-	0	13.79	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	-	10.87	-100.0%	8	8.33	-2.2%
SHORT TERM NATURAL GAS	U31	0	0	-	128.48	-100.0%	42	4.46	836.1%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-	0	5.71	-100.0%
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	44.44	-100.0%
WTI-BRENT BULLET SWAP	BV	1,646	257.14	540.1%	1,721.74	-4.4%	2,360	1,109.82	112.6%
WTI CRUDE OIL 1 M CSO FI	7A	1,432	6,671.86	-78.5%	3,117.39	-54.1%	2,460	7,348.08	-66.5%

Commodities and Alternative Investments Futures

COCOA TAS	CJ	0	8.67	-98.2%	1.39	-88.7%	1	10.35	-93.7%
COFFEE	KT	1	0.29	268.4%	0	-	0	0.67	-63.2%
COTTON	TT	0	0.67	-92.1%	0.09	-39.5%	0	2.29	-97.8%
SUGAR 11	YO	0	2.86	-100.0%	0.04	-100.0%	0	1.66	-86.6%

TOTAL FUTURES GROUP

Commodities and Alternative Investments Futures		1	12.48	-89.9%	1.52	-17.0%	1	14.97	-92.2%
Energy Futures		2,192,079	2,165,331.9	1.2%	2,097,946.09	4.5%	2,169,698	2,106,317.12	3.0%
Metals Futures		499,844	399,602.19	25.1%	443,329.35	12.7%	475,191	414,303.54	14.7%
TOTAL FUTURES		2,691,925	2,564,946.57	5.0%	2,541,276.96	5.9%	2,644,890.15	2,520,635.63	4.9%

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TOTAL OPTIONS GROUP								
Energy Options	346,224	295,361.24	17.2%	362,363.17	-4.5%	334,520	324,469.44	3.1%
Metals Options	48,623	40,276.76	20.7%	47,206.22	3.0%	45,112	45,873.09	-1.7%
TOTAL OPTIONS	394,847	335,638	17.6%	409,569.39	-3.6%	379,631.33	370,342.53	2.5%
TOTAL COMBINED								
Metals	548,467	439,878.95	24.7%	490,535.57	11.8%	520,303	460,176.63	13.1%
Energy	2,538,303	2,460,693.14	3.2%	2,460,309.26	3.2%	2,504,217	2,430,786.56	3.0%
Commodities and Alternative Investments	1	12.48	-89.9%	1.52	-17.0%	1	14.97	-92.2%
GRAND TOTAL	3,086,772	2,900,584.57	6.4%	2,950,846.35	4.6%	3,024,521.48	2,890,978.16	4.6%