

NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Metals Futures									
COMEX GOLD	GC	201,699	246,144.21	-18.1%	139,550.91	44.5%	169,316	160,788.9	5.3%
NYMEX HOT ROLLED STEEL	HR	270	403.21	-33.0%	298.14	-9.4%	241	191.39	25.8%
NYMEX PLATINUM	PL	13,076	11,113.21	17.7%	12,777	2.3%	13,993	12,841.04	9.0%
PALLADIUM	PA	8,119	8,523.53	-4.7%	4,194.73	93.6%	5,530	6,245.92	-11.5%
URANIUM	UX	0	9.79	-100.0%	18.27	-100.0%	15	13.7	5.8%
COMEX SILVER	SI	64,587	75,530.42	-14.5%	50,343.05	28.3%	54,500	54,353.02	0.3%
COMEX MINY GOLD	QO	317	319.21	-0.8%	187.36	68.9%	271	204.38	32.4%
E-MINI SILVER	6Q	0	0	-	0	-	0	0.04	-100.0%
COMEX MINY SILVER	QI	39	58.84	-33.1%	29.64	32.8%	40	48.25	-16.6%
COMEX COPPER	HG	92,182	76,812.74	20.0%	55,789.32	65.2%	68,991	57,901.59	19.2%
COMEX MINY COPPER	QC	39	58.21	-33.9%	16.64	131.4%	38	44.86	-15.2%
Aluminium MW Trans Prem Platts	AUP	149	19.32	670.9%	135	10.3%	149	21.55	592.1%
ALUMINUM	AEP	102	0	-	57	78.9%	14	0	-
ALUMINUM	ALI	25	34.11	-26.4%	25.05	0.2%	16	23.77	-34.6%
COPPER	HGS	12	57.21	-78.5%	44.5	-72.4%	28	50.87	-45.2%
E-MICRO GOLD	MGC	2,134	1,718.95	24.1%	1,898.27	12.4%	1,540	1,098.47	40.2%
FERROUS PRODUCTS	BUS	0	0	-	0	-	2	0.13	1690.7%
FERROUS PRODUCTS	SSF	0	0	-	0	-	0	0.38	-100.0%
GOLD	GCK	276	0	-	240.45	14.8%	189	0	-
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	-	0	0.08	-100.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	4.77	-100.0%	11	0.48	2275.4%
IRON ORE 62 CHINA TSI FUTURES	TIO	879	57.63	1424.4%	643.14	36.6%	523	99.16	427.7%
LNDN ZINC	ZNC	2	0	-	0.64	277.1%	2	0	-
SILVER	SIL	303	693.63	-56.4%	251.45	20.4%	370	568.92	-35.0%
Metals Options									
COMEX COPPER	HX	224	79.11	183.1%	87.91	154.8%	112	83.42	33.7%
COMEX GOLD	OG	30,056	44,344.68	-32.2%	32,204.45	-6.7%	30,401	33,393.41	-9.0%
COMEX SILVER	SO	4,212	10,483.68	-59.8%	4,130.73	2.0%	5,023	7,355.76	-31.7%
COPPER	H4E	0	0	-	0	-	0	0	-
GOLD	OG1	45	64.32	-30.5%	32.41	37.9%	23	35.4	-34.3%
GOLD	OG2	33	9.37	250.1%	16.73	96.1%	30	16.76	81.3%
GOLD	OG3	26	29.37	-12.8%	17.55	45.9%	23	20.95	9.6%
GOLD	OG4	21	2.42	748.8%	16.36	25.6%	14	14.96	-7.6%

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Metals Options									
GOLD	OG5	0	0	-	9.36	-100.0%	6	2.3	145.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-	0	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	72	67.89	6.0%	170.45	-57.8%	84	37.3	126.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	63	77.37	-19.2%	54.55	14.6%	190	16.2	1075.9%
NYMEX PLATINUM	PO	207	420.37	-50.8%	211.64	-2.3%	240	572.9	-58.0%
PALLADIUM	PAO	165	247.21	-33.3%	186.14	-11.4%	183	545.68	-66.4%
SHORT TERM	L11	0	0	-	0	-	0	0.16	-100.0%
SHORT TERM GOLD	L02	0	0	-	0	-	0	0.24	-100.0%
SHORT TERM GOLD	L18	0	0	-	0	-	0	0.16	-100.0%
SILVER	SO1	0	9.16	-100.0%	0.23	-100.0%	2	6.1	-69.6%
SILVER	SO2	0	11.11	-98.2%	0	-	1	5.98	-86.3%
SILVER	SO3	0	9.26	-100.0%	0	-	1	5.15	-83.7%
SILVER	SO4	0	1.42	-100.0%	0	-	1	4.66	-86.9%
SILVER	SO5	0	0	-	0	-	1	1.51	-41.9%
Energy Futures									
CRUDE OIL PHY	CL	807,244	642,341.79	25.7%	794,707.95	1.6%	797,138	575,981.48	38.4%
CRUDE OIL	WS	1,638	573.11	185.9%	267.82	511.7%	843	465.42	81.1%
MINY WTI CRUDE OIL	QM	8,770	11,168.11	-21.5%	9,584.23	-8.5%	12,641	7,534.66	67.8%
BRENT OIL LAST DAY	BZ	94,763	95,545.89	-0.8%	95,184.23	-0.4%	104,521	73,386.44	42.4%
HEATING OIL PHY	HO	138,294	164,536.68	-15.9%	157,864.59	-12.4%	144,922	134,708.02	7.6%
HTG OIL	BH	0	0	-	0.55	-100.0%	1	2.66	-64.8%
MINY HTG OIL	QH	0	0.37	-5.0%	0.23	54.0%	0	0.47	-19.3%
RBOB PHY	RB	158,595	142,815.63	11.0%	143,544.5	10.5%	159,898	136,594.71	17.1%
MINY RBOB GAS	QU	0	0.26	-24.0%	0.18	10.0%	0	0.2	9.1%
NATURAL GAS	HP	5,514	3,763.58	46.5%	6,492.27	-15.1%	3,964	2,692.24	47.2%
LTD NAT GAS	HH	13,352	11,791.95	13.2%	14,123.95	-5.5%	11,160	9,248.2	20.7%
MINY NATURAL GAS	QG	1,441	2,270.79	-36.5%	1,163.68	23.8%	1,287	1,577.71	-18.4%
PJM MONTHLY	JM	6	0.53	1040.0%	45.82	-86.9%	30	99.9	-70.0%
NATURAL GAS PHY	NG	311,812	420,002.68	-25.8%	344,466.68	-9.5%	319,431	294,470.64	8.5%
RBOB GAS	RT	61	28.42	114.6%	56.5	8.0%	55	37.18	47.2%
3.5% FUEL OIL CID MED SWA	7D	3	3.16	-3.4%	4.09	-25.4%	3	4.63	-45.2%

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Energy Futures									
3.5% FUEL OIL CIF BALMO S	8D	1	0.53	-5.0%	0	-	1	0.4	66.9%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0.71	-100.0%
AEP-DAYTON HUB MTHLY	VM	0	0.53	-100.0%	0	-	3	5.98	-52.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	4	4.29	-5.0%
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-	0	1.48	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	-	7	-100.0%	6	31.48	-81.2%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	13	0	-
ANR OKLAHOMA	NE	144	0	-	2.73	5165.3%	46	43.48	5.0%
APPALACHIAN COAL (PHY)	QL	1	15.26	-91.8%	4.27	-70.7%	11	75.23	-85.1%
ARGUS LLS VS. WTI (ARG) T	E5	428	66.47	544.5%	235.73	81.7%	362	255.05	41.8%
ARGUS PROPAN FAR EST INDE	7E	36	18.21	96.6%	38.55	-7.1%	21	12.03	76.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	44	52.63	-17.3%	31.73	37.3%	27	40.45	-33.2%
AUSTRIALIAN COKE COAL	ALW	4	22	-82.0%	3.77	4.7%	8	15.13	-46.3%
BRENT BALMO SWAP	J9	0	6.16	-100.0%	14.55	-100.0%	21	13.4	53.5%
BRENT CALENDAR SWAP	CY	131	751.26	-82.6%	46.5	181.4%	248	356.7	-30.6%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	-	0	-	0	0.6	-100.0%
BRENT CFD SWAP	6W	0	0	-	0	-	4	24.11	-82.9%
BRENT FINANCIAL FUTURES	BB	99	478.79	-79.4%	79.55	24.0%	304	291.65	4.3%
BRENT FINANCIAL FUTURES	MBC	2	0	-	0	-	0	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	-	1	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	40	1.58	2417.6%	163.64	-75.7%	49	9.52	409.7%
CARBON EUA EMISSIONS EURO	RC	0	210.53	-100.0%	0	-	0	17.16	-100.0%
CENTERPOINT BASIS SWAP	PW	97	217.68	-55.6%	0	-	92	45.83	99.9%
CENTERPOINT EAST INDEX	II	0	13.05	-100.0%	0	-	3	0.98	197.8%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	CU	2,618	3,565.32	-26.6%	3,521.18	-25.7%	4,055	4,568.87	-11.2%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0.39	-100.0%
CHICAGO ULSD PL VS HO SPR	5C	3	2.37	26.7%	14.55	-79.4%	18	20.5	-13.3%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	1	0.94	58.1%
CIG BASIS	CI	338	114.32	195.9%	44.45	660.9%	118	43.93	168.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	3	1.41	93.1%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	2.19	-92.1%
CIN HUB 5MW D AH O PK	K2	0	0	-	0	-	773	1,778.03	-56.5%
CIN HUB 5MW D AH PK	H5	15	0	-	22.64	-32.4%	42	88.37	-53.0%

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CIN HUB 5MW REAL TIME O P	H4	5,862	0	-	12,821.82	-54.3%	3,291	1,629.78	101.9%
CIN HUB 5MW REAL TIME PK	H3	128	0	-	428.59	-70.3%	83	83	0.1%
COAL SWAP	ACM	4	19.74	-79.7%	14.32	-72.1%	15	16.96	-14.1%
COAL SWAP	SSI	6	30.26	-81.0%	7.27	-20.9%	13	96.21	-86.2%
COLUMB GULF MAINLINE NG B	5Z	87	211.47	-58.8%	29	200.5%	106	193.96	-45.1%
COLUMBIA GULF MAIN NAT G	L2	91	52.21	75.2%	0	-	11	8.63	22.8%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	-	2	0	-
COLUMBIA GULF ONSHORE	GL	12	0	-	33.09	-62.5%	16	68.19	-76.6%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	8	12.84	-40.0%	1.14	577.6%	3	2.34	34.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	5	0	-	0.68	670.0%	9	4.5	88.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	257	273.95	-6.4%	337.23	-23.9%	217	180.31	20.2%
CRUDE OIL	LPS	168	0	-	114.09	47.3%	115	0	-
CRUDE OIL LAST DAY	26	0	0	-	0	-	0	0.33	-100.0%
CRUDE OIL OUTRIGHTS	42	4	60.47	-92.6%	23.86	-81.4%	51	38.63	32.3%
CRUDE OIL OUTRIGHTS	DBL	104	0	-	16.14	544.5%	133	5.56	2291.6%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	1	0.4	156.4%
CRUDE OIL OUTRIGHTS	WCC	184	184.74	-0.5%	325.68	-43.6%	265	243.87	8.5%
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	1	0.6	118.2%
CRUDE OIL SPRDS	KE	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	WTT	54	18.95	186.3%	155.09	-65.0%	28	1.43	1836.9%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	5.71	-100.0%
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	16.83	-100.0%
DAILY PJM	PWP	0	0	-	0	-	0	0.25	-100.0%
DAILY PJM	WOR	0	0	-	0	-	0	27.3	-100.0%
DAILY PJM	ZAO	0	0	-	0	-	0	0	-
DAILY PJM	ZGO	0	0	-	364.55	-100.0%	35	0	-
DAILY PJM	ZJO	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-	102	16.51	520.4%

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Energy Futures									
DATED TO FRONTLINE BRENT	FY	228	43.16	427.7%	121.09	88.1%	142	60.6	134.6%
DEMARC INDEX FUTURE	DI	0	35.89	-100.0%	0	-	0	2.71	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0.26	-100.0%	0	-	0	0.11	-61.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0	-100.0%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	-	0	-	0	0.02	-100.0%
DOMINION TRAN INC - APP I	IH	20	0	-	98.18	-79.6%	11	0	-
DOMINION TRANSMISSION INC	PG	421	67.26	526.3%	751.59	-44.0%	313	250.91	24.9%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	1	-56.7%
DUBAI CRUDE OIL CALENDAR	DC	257	144.74	77.5%	228.82	12.3%	191	88.06	116.4%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	4	0	-
EASTERN RAIL DELIVERY CSX	QX	36	211.58	-83.0%	77.05	-53.3%	171	219.4	-22.1%
EAST/WEST FUEL OIL SPREAD	EW	0	29.63	-98.7%	0.59	-32.3%	10	25.88	-60.8%
EIA FLAT TAX ONHWAY DIESE	A5	4	6.79	-35.9%	26.32	-83.5%	36	35.49	0.6%
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	I9	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	N1	10	5.79	77.0%	0	-	5	7.25	-30.2%
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	ERU	0	0	-	0	-	0	8.1	-100.0%
ELEC ERCOT OFF PEAK	O1	0	103.16	-100.0%	0	-	76	138.29	-45.0%
ELEC FINSETTLED	47	77	0	-	0	-	7	0	-
ELEC FINSETTLED	49	0	0	-	0	-	6	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	7	5.46	21.4%
ELEC MISO PEAK	55	0	0	-	0	-	9	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	25	93.33	-73.1%
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	163	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-	0	0.42	-100.0%
ELECTRICITY OFF PEAK	46	1,403	0	-	0	-	121	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	51	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-	102	0	-
EMMISSIONS	CPL	13	0	-	0	-	2	1.79	20.9%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	103.16	-100.0%	0	-	104	576.85	-81.9%
ERCOT NORTH ZMCPE 5MW PEAK	I5	10	5.79	77.0%	0	-	12	38.57	-68.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	115	82.11	40.5%	79.41	45.3%	124	86.87	42.9%
EU LOW SULPHUR GASOIL CRACK	LSC	0	47.37	-100.0%	0	-	0	43.35	-100.0%

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EURO 1% FUEL OIL NEW BALM	KX	1	0.53	42.5%	3.18	-76.4%	1	1.14	-50.2%
EURO 3.5% FUEL OIL M CRK	FL	0	0	-	0	-	0	0.84	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	16	14.68	8.3%	15.32	3.8%	27	18.27	45.6%
EURO 3.5% FUEL OIL SPREAD	FK	40	65.16	-39.4%	24.82	59.2%	43	31.23	37.5%
EURO-DENOMINATED PETRO PROD	IBE	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	MFE	0	0	-	0	-	0	0.02	-100.0%
EURO-DENOMINATED PETRO PROD	NCP	13	16.32	-23.4%	0	-	12	1.88	516.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.03	71.2%
EURO GASOIL 10PPM VS ICE	ET	3	7.16	-63.7%	11.45	-77.3%	4	6.17	-32.7%
EUROPE 1% FUEL OIL NWE CA	UF	7	19.58	-64.0%	7.64	-7.7%	8	7.82	-1.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0.53	-43.0%	0	-	1	1.03	-30.3%
EUROPE 3.5% FUEL OIL MED	UI	4	3.16	34.6%	9.95	-57.3%	5	6.98	-31.7%
EUROPE 3.5% FUEL OIL RDAM	UV	306	446.74	-31.4%	295.73	3.6%	407	386.15	5.3%
EUROPEAN GASOIL (ICE)	7F	11,205	87.89	12648.4%	3,290.14	240.6%	1,832	23.97	7544.2%
EUROPEAN NAPHTHA BALMO	KZ	2	9.16	-74.9%	4.59	-49.9%	4	11.08	-63.5%
EUROPEAN NAPHTHA CRACK SPR	EN	113	230.11	-51.0%	131.41	-14.2%	324	429.92	-24.7%
EUROPE DATED BRENT SWAP	UB	80	85.53	-6.5%	0	-	169	115.3	46.5%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	2	0.47	352.9%
EUROPE NAPHTHA CALSWAP	UN	27	75.05	-63.8%	30.95	-12.3%	61	84.7	-28.4%
EURO PROPANE CIF ARA SWA	PS	19	20	-4.5%	16.73	14.2%	18	17.61	4.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-	63	14.49	333.4%
FREIGHT MARKETS	FLP	9	0	-	7.14	20.5%	3	0	-
FREIGHT MARKETS	FRC	0	0	-	0	-	0	0.16	-100.0%
FUEL OIL CRACK VS ICE	FO	289	204.32	41.2%	109.14	164.3%	181	198.37	-8.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	1	7.72	-82.8%
FUEL OIL (PLATS) CAR CM	1W	0	9.47	-100.0%	0	-	1	0.98	17.1%
FUEL OIL (PLATS) CAR CN	1X	2	0.53	185.0%	1.64	-8.3%	1	0.94	-5.6%
FUELOIL SWAP:CARGOES VS.B	FS	7	14.95	-50.5%	11.05	-33.0%	19	28.38	-32.0%
GAS EURO-BOB OXY NWE BARGES	7H	252	278.32	-9.5%	173.91	44.8%	321	319.73	0.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	744	1,152.05	-35.4%	515.05	44.5%	785	1,101.04	-28.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.04	9.1%
GASOIL 0.1 CARGOES CIF NE	TW	0	4.21	-100.0%	0	-	0	0.36	-87.9%
GASOIL 0.1 CIF MED BALMO	X6	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF MED SWAP	Z4	2	0	-	0.91	65.0%	0	0	-
GASOIL 0.1CIF MED VS ICE	Z5	2	0	-	0.45	340.0%	1	1.35	-45.3%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	1	0.19	517.4%

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Energy Futures									
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0.02	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	4	3.42	6.7%	0.68	435.3%	1	3.54	-79.5%
GASOIL 0.1 ROTTERDAM BARG	VL	0	4.21	-100.0%	0	-	0	0.36	-87.9%
GASOIL 10P CRG CIF NW VS	3V	0	0.26	-100.0%	0	-	0	0.37	-42.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.05	172.9%
GASOIL 10PPM VS ICE SWAP	TP	0	1.32	-73.4%	5.45	-93.6%	6	4.64	32.9%
GASOIL BULLET SWAP	BG	0	0	-	0	-	0	0.04	-100.0%
GASOIL CALENDAR SWAP	GX	1	0.16	470.0%	0.14	559.8%	1	1.87	-45.9%
GASOIL CRACK SPREAD CALEN	GZ	141	15.79	790.1%	81.82	71.8%	164	111.58	46.6%
GASOIL MINI CALENDAR SWAP	QA	10	15.74	-33.9%	21	-50.5%	14	24.26	-42.6%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	-	0	-	0	0.4	-100.0%
GASOLINE UP-DOWN BALMO SW	1K	12	28.68	-59.0%	12.5	-6.0%	26	14.68	73.8%
GC ULSD VS GC JET SPREAD	VV	0	0	-	0	-	0	0	-
GROUP THREE ULSD (PLATTS)	A7	0	2.63	-100.0%	0	-	1	1.88	-54.0%
GRP THREE ULSD(PLT)VS HEA	A6	180	200.74	-10.6%	181.55	-1.1%	182	235.3	-22.7%
GRP THREE UNL GS (PLT) VS	A8	91	8.42	983.6%	45.45	100.8%	73	71.04	2.8%
GULF COAST 3% FUEL OIL BA	VZ	42	107.53	-61.3%	51.59	-19.3%	52	62.44	-17.2%
GULF COAST GASOLINE CLNDR	GS	15	2	650.0%	9.09	65.0%	26	5.76	356.0%
GULF COAST JET FUEL CLNDR	GE	5	2.21	103.6%	12.95	-65.3%	16	14.64	8.5%
GULF COAST JET VS NYM 2 H	ME	578	608.95	-5.1%	1,109.14	-47.9%	1,016	1,058.31	-4.0%
GULF COAST NO.6 FUEL OIL	MF	2,444	2,198.89	11.1%	2,257.05	8.3%	3,242	2,390.83	35.6%
GULF COAST NO.6 FUEL OIL	MG	13	333.53	-96.3%	4.55	175.0%	73	172.85	-57.8%
GULF COAST ULSD CALENDAR	LY	8	27.74	-72.8%	27.77	-72.8%	33	51.85	-35.8%
GULF COAST ULSD CRACK SPR	GY	0	35.53	-100.0%	35.23	-100.0%	15	67.55	-78.4%
HEATING OIL BALMO CLNDR S	1G	5	0	-	58.59	-91.5%	8	2.08	264.5%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HEATING OIL VS ICE GASOIL	HA	0	0	-	0	-	0	124.21	-100.0%
HENRY HUB BASIS SWAP	HB	337	1,351.21	-75.1%	546.91	-38.5%	607	580.4	4.6%
HENRY HUB INDEX SWAP FUTU	IN	341	1,351.21	-74.8%	546.91	-37.6%	448	546.54	-18.0%
HENRY HUB SWAP	NN	18,588	24,965.16	-25.5%	26,739	-30.5%	21,190	25,128.43	-15.7%
HENRY HUB SWING FUTURE	SN	0	12.63	-100.0%	0	-	5	4.15	25.2%
HOUSTON SHIP CHANNEL BASI	NH	314	424.11	-26.0%	181.86	72.5%	191	172.54	11.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	1	1.48	-47.2%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	18	0	-
ICE BRENT DUBAI SWAP	DB	8	0	-	27.27	-72.5%	42	17.73	137.1%

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Energy Futures									
ICE GASOIL BALMO SWAP	U9	0	0.16	-100.0%	0	-	0	0.15	-100.0%
IN DELIVERY MONTH EUA	6T	0	391.05	-100.0%	66.18	-100.0%	434	484.75	-10.5%
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	633.3	-100.0%
INDIANA MISO	PDD	0	0	-	0	-	0	0	-
INDIANA MISO	PDM	0	12.16	-100.0%	0	-	10	32.12	-69.8%
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTM	0	0	-	0	-	0	35.63	-100.0%
INDONESIAN COAL	MCC	7	32.63	-78.5%	2.05	242.2%	8	58.39	-87.1%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	4.21	-100.0%
ISO NEW ENGLAND PK LMP	NI	0	0	-	0.91	-100.0%	0	4.94	-98.2%
JAPAN C&F NAPHTHA CRACK S	JB	18	10.95	67.6%	10.73	71.1%	14	5.9	130.2%
JAPAN C&F NAPHTHA SWAP	JA	42	55.74	-24.9%	35.18	19.0%	48	57.05	-16.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0.47	-100.0%	2	-100.0%	2	3.35	-37.9%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	1	2.68	-53.4%	0	-	1	1.11	-7.3%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.06	9.1%
JET CIF NWE VS ICE	JC	1	6.11	-79.5%	0	-	5	6.08	-20.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.06	191.1%
JET FUEL CARGOES CIF NEW	F3	0	0	-	0	-	0	0.02	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.31	-33.4%
JET FUEL UP-DOWN BALMO CL	1M	355	11.84	2897.8%	226.36	56.8%	150	121.99	23.1%
LA CARB DIESEL (OPIS)	LX	0	1.37	-100.0%	7.09	-100.0%	1	0.56	81.1%
LA CARB DIESEL (OPIS) SWA	KL	1	11	-88.6%	18.27	-93.2%	30	44.47	-31.5%
LA CARBOB GASOLINE(OPIS)S	JL	10	13.16	-24.0%	20.45	-51.1%	23	28.57	-17.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	10	-100.0%	2	6.77	-68.6%
LA JET (OPIS) SWAP	JS	24	3.95	501.7%	51.82	-54.2%	44	27.58	60.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	270	361.37	-25.2%	517.23	-47.8%	460	456.77	0.7%
MARS (ARGUS) VS WTI SWAP	YX	398	235.42	69.0%	343.86	15.7%	298	194.46	53.3%
MARS (ARGUS) VS WTI TRD M	YV	59	0	-	82.05	-28.5%	72	2.66	2602.6%
MCCLOSKEY ARA ARGS COAL	MTF	9,749	7,827.68	24.5%	10,647.05	-8.4%	8,645	6,188.61	39.7%
MCCLOSKEY RCH BAY COAL	MFF	1,430	1,731.32	-17.4%	1,802.14	-20.7%	1,141	1,560.56	-26.9%
MGF FUT	MGF	0	0	-	0.45	-100.0%	0	0.6	-37.4%
MGN1 SWAP FUT	MGN	10	7.32	29.9%	8.23	15.5%	7	4.17	75.0%

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Energy Futures									
MICHIGAN BASIS	NF	55	18.68	193.0%	115.32	-52.5%	28	11.99	136.7%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	-	0	-	0	0.1	-100.0%
MICHIGAN HUB PEAK MONTH S	HM	0	0	-	0	-	0	0.1	-100.0%
MICHIGAN MISO	HMO	0	0	-	0	-	526	1,225.33	-57.1%
MICHIGAN MISO	HMW	0	0	-	0	-	29	56.73	-48.1%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	6	29.53	-78.3%	0.91	604.0%	14	28.35	-50.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	14	8.95	56.5%	15.91	-12.0%	21	26.01	-20.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	59	24	144.2%	31.59	85.5%	34	21.7	55.9%
MISO 5MW OFF PEAK	4R	0	0	-	0	-	0	0	-
MISO 5MW PEAK	4Q	0	0	-	0	-	0	0	-
MJB FUT	MJB	0	0	-	0	-	0	0	-
MJC FUT	MJC	3	0	-	1.82	37.5%	3	2.38	20.0%
MNC FUT	MNC	201	275.42	-26.9%	146.27	37.7%	203	240.06	-15.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	221	497.53	-55.7%	420.23	-47.5%	322	218.77	47.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	17.37	-100.0%	11.36	-100.0%	12	6.37	81.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	3,511	2,729.63	28.6%	3,119.27	12.6%	2,307	1,683.31	37.0%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	34	19	77.6%	21.82	54.7%	32	34.79	-8.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	236	676.63	-65.1%	204.32	15.7%	262	341.76	-23.4%
MONT BELVIEU NATURAL GASOLINE BALM	R0	6	15.53	-64.6%	5.77	-4.7%	18	16.3	7.6%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,010	1,083.05	-6.7%	1,023.77	-1.3%	828	694.89	19.1%
MONT BELVIEU NORMAL BUTANE BALMO	8J	10	39.84	-74.6%	30.23	-66.6%	22	26.43	-16.0%
NAT GAS BASIS SWAP	SGW	0	0	-	0	-	0	0	-
NAT GAS BASIS SWAP	TZ6	0	0	-	4.36	-100.0%	23	30.46	-25.6%
NATURAL GAS	XAC	0	0	-	0	-	0	0.26	-100.0%
NATURAL GAS	XSC	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	0	-	0	-	15	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	28	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	MFS	0	0	-	0	-	6	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	PFS	0	0	-	0	-	2	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	WFS	0	0	-	0	-	2	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	Z5P	0	0	-	0	-	2	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	ZTS	0	0	-	0	-	0	0	-
NATURAL GAS INDEX	TZI	0	0	-	0	-	0	2.57	-100.0%
NATURAL GAS PEN SWP	NP	7,403	14,408.95	-48.6%	8,386.32	-11.7%	8,633	17,765.25	-51.4%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	55.65	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	3.04	-100.0%

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NEPOOL INTR HUB 5MW D AH	H2	3,387	5,612.58	-39.7%	2,665.45	27.1%	1,382	1,451.35	-4.8%
NEPOOL INTR HUB 5MW D AH	U6	113	305.47	-62.9%	197.95	-42.7%	85	69.97	21.0%
NEPOOL MAINE 5MW D AH O E	W2	0	0	-	0	-	0	14.6	-100.0%
NEPOOL MAINE 5MW D AH PK	P9	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	17	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	6	2.5	139.8%
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	70	305.47	-77.0%	92.05	-23.5%	47	85.29	-44.4%
NEPOOL RHODE IL 5MW D AH	U5	1,345	5,612.58	-76.0%	538.18	149.9%	474	1,449.87	-67.3%
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	776	0	-	0	-	192	37.27	415.3%
NEPOOL W CNTR M 5MW D AH	R6	43	0	-	0	-	7	2.02	265.1%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	54	69.21	-22.3%	55.68	-3.5%	49	61.58	-21.2%
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	16	49.37	-68.6%	101.36	-84.7%	189	28.71	560.0%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-	1	0	-
NGPL TEX/OK	PD	152	398.16	-61.9%	154.45	-1.9%	348	216.73	60.8%
NGPL TEXOK INDEX	OI	0	0	-	21.82	-100.0%	5	0	-
NGPL TEXOK SWING SWAP	OX	0	12.63	-100.0%	0	-	0	0.95	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-	0	4.39	-93.1%
NO 2 UP-DOWN SPREAD CALEN	UT	34	3.95	755.0%	9.09	271.3%	17	8.63	94.8%
NORTHERN NATURAL GAS DEMAR	PE	6	130.53	-95.2%	5.64	10.0%	24	35.35	-31.5%
NORTHERN NATURAL GAS VENTU	PF	0	263	-100.0%	13.73	-100.0%	21	30.79	-30.2%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0.56	-20.5%
NORTHWEST ROCKIES BASIS S	NR	867	112.58	669.7%	589.45	47.0%	476	71.71	563.1%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	4	14.32	-70.0%
NY1% VS GC SPREAD SWAP	VR	103	107.11	-4.3%	204.95	-50.0%	110	208.66	-47.3%
NY 2.2% FUEL OIL (PLATTS	Y3	0	2.63	-100.0%	10.45	-100.0%	3	5.39	-48.6%
NY 3.0% FUEL OIL (PLATTS	H1	23	10.53	113.8%	27.27	-17.5%	18	9.46	91.9%
NY HARBOR 1% FUEL OIL BAL	VK	2	0	-	7.95	-78.6%	2	3.97	-42.1%
NY HARBOR HEAT OIL SWP	MP	108	360.53	-70.0%	156.05	-30.6%	215	309.46	-30.5%

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Energy Futures									
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	26.84	-100.0%	0	-	17	27.02	-35.3%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	-	0	-	0	0.6	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	273	225.16	21.4%	315.64	-13.4%	239	290.24	-17.7%
NY HARBOR RESIDUAL FUEL C	ML	0	2.63	-100.0%	0	-	0	1.79	-75.8%
NYH NO 2 CRACK SPREAD CAL	HK	3	58.26	-94.3%	286.82	-98.8%	109	182.15	-40.2%
NY H OIL PLATTS VS NYMEX	YH	0	58.11	-100.0%	0	-	4	21.98	-80.8%
NYISO A	KA	0	47.11	-100.0%	0	-	4	29.72	-85.7%
NYISO A OFF-PEAK	KB	0	3.68	-100.0%	0	-	2	10.12	-81.2%
NYISO CAPACITY	NNC	45	0	-	10.64	322.6%	15	4.5	223.1%
NYISO CAPACITY	NRS	22	1.58	1306.0%	24.91	-10.9%	21	7.61	175.1%
NYISO G	KG	0	2.16	-100.0%	0	-	2	6.29	-67.6%
NYISO G OFF-PEAK	KH	0	4.74	-100.0%	0	-	1	2.42	-66.0%
NYISO J	KJ	25	82.79	-69.3%	14.55	75.0%	14	20.52	-32.1%
NYISO J OFF-PEAK	KK	0	6.32	-100.0%	0	-	3	2.06	21.7%
NYISO ZONE A 5MW D AH O P	K4	2,701	0	-	0	-	1,814	1,069.95	69.6%
NYISO ZONE A 5MW D AH PK	K3	22	67.11	-67.2%	0	-	75	61.94	20.8%
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	1.71	-100.0%
NYISO ZONE G 5MW D AH O P	D2	196	0	-	5,101.45	-96.2%	1,057	491.79	115.0%
NYISO ZONE G 5MW D AH PK	T3	64	0	-	155.18	-58.9%	142	48.13	194.7%
NYISO ZONE J 5MW D AH O P	D4	0	1,227.37	-100.0%	0	-	243	414.79	-41.5%
NYISO ZONE J 5MW D AH PK	D3	0	0	-	127.45	-100.0%	39	29.96	31.1%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	-	0	-	0	1.29	-100.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	68.42	-100.0%	0.45	-100.0%	8	127.31	-94.1%
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-	0	0.3	-100.0%
NYMEX ULSD VS NYMEX HO	UY	4	8.95	-58.1%	0	-	5	3.33	54.5%
NY ULSD (ARGUS) VS HEATING OIL	7Y	64	135.74	-53.0%	292.91	-78.2%	134	112.14	19.7%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	10	9.83	-0.4%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	1.97	-100.0%
ONTARIO POWER SWAPS	OFM	941	208.42	351.4%	0	-	692	1,005.85	-31.2%
ONTARIO POWER SWAPS	OPD	2	1.58	42.5%	2.73	-17.5%	1	1.74	-21.7%
ONTARIO POWER SWAPS	OPM	50	17.37	185.0%	5	890.0%	39	91.06	-57.3%
PANHANDLE BASIS SWAP FUTU	PH	174	345.79	-49.8%	602.32	-71.2%	537	173.21	210.3%
PANHANDLE INDEX SWAP FUTU	IV	25	0	-	0	-	11	0	-
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	1	0	-
PERMIAN BASIS SWAP	PM	195	224.32	-12.9%	195.18	0.1%	95	52.15	82.8%

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Energy Futures									
PETROCHEMICALS	22	2	3.58	-45.5%	2.27	-14.2%	1	1.15	25.3%
PETROCHEMICALS	32	3	3.47	-20.8%	0.95	188.1%	2	3.12	-31.2%
PETROCHEMICALS	51	0	0	-	0	-	0	0.01	-100.0%
PETROCHEMICALS	81	0	0	-	0	-	0	0	-
PETROCHEMICALS	8I	37	28.74	27.9%	21.73	69.1%	23	17.5	28.9%
PETROCHEMICALS	91	2	1.79	-10.6%	0.86	85.3%	1	1.23	-2.2%
PETROCHEMICALS	HPE	0	3.68	-100.0%	0	-	0	1.38	-81.8%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0.33	1.1%
PETROCHEMICALS	MAE	1	0.53	90.0%	0.45	120.0%	1	0.24	336.4%
PETROCHEMICALS	MAS	3	3.68	-18.6%	0.45	560.1%	1	2.55	-41.4%
PETROCHEMICALS	MBE	115	89.74	27.6%	140	-18.2%	87	111.57	-21.8%
PETROCHEMICALS	MNB	56	20.21	179.1%	8.77	542.9%	65	59.44	9.1%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	7.36	-100.0%	3	0	-
PETRO CRCKS & SPRDS ASIA	STR	17	0	-	0	-	3	7.41	-55.6%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	2.27	-100.0%	1	1.17	17.6%
PETRO CRCKS & SPRDS NA	CBA	0	0	-	0	-	0	0.3	-100.0%
PETRO CRCKS & SPRDS NA	CRB	10	0	-	0	-	11	3.77	203.2%
PETRO CRCKS & SPRDS NA	EXR	33	47.21	-30.9%	35.59	-8.4%	54	54.37	-0.6%
PETRO CRCKS & SPRDS NA	FOC	66	15.79	319.6%	15.91	316.4%	23	14.6	60.6%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-	0	1.19	-81.8%
PETRO CRCKS & SPRDS NA	GCI	38	40.79	-7.0%	13.64	178.3%	51	45.15	12.1%
PETRO CRCKS & SPRDS NA	GCU	189	558.37	-66.2%	335.91	-43.7%	537	555.5	-3.3%
PETRO CRCKS & SPRDS NA	GFC	0	2.37	-100.0%	0	-	0	0.95	-54.5%
PETRO CRCKS & SPRDS NA	HOB	61	64.26	-4.5%	85.23	-28.0%	162	57.75	180.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	2	1.19	41.8%
PETRO CRCKS & SPRDS NA	NFC	0	0	-	0	-	0	0.3	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-	1	3.29	-73.7%
PETRO CRCKS & SPRDS NA	NYF	10	3.95	153.3%	0	-	10	24.29	-59.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	0.1	-100.0%
PETRO CRCKS & SPRDS NA	RBB	577	426.89	35.0%	376.05	53.3%	500	406.62	22.9%
PETRO CRCKS & SPRDS NA	RVG	28	0	-	11.36	142.0%	13	22.9	-43.0%
PETRO CRK&SPRD EURO	1NB	22	151.63	-85.4%	92.14	-76.0%	76	118.66	-36.3%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	43	2	5.47	-55.2%	2.55	-3.8%	16	14.59	10.0%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	1	4.21	-82.5%
PETRO CRK&SPRD EURO	BOB	73	31.42	131.9%	91.45	-20.3%	81	36.37	123.0%

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Energy Futures									
PETRO CRK&SPRD EURO	EBF	0	0	-	0	-	0	0.02	-100.0%
PETRO CRK&SPRD EURO	EOB	1	0	-	1.36	-23.0%	2	0.52	221.4%
PETRO CRK&SPRD EURO	EPN	3	5.37	-48.8%	1.64	68.1%	2	4.21	-46.0%
PETRO CRK&SPRD EURO	EVC	31	44.47	-31.2%	34.55	-11.4%	68	36.61	86.0%
PETRO CRK&SPRD EURO	FBT	7	3.16	105.8%	4.09	58.9%	3	3.57	-20.0%
PETRO CRK&SPRD EURO	FVB	1	0	-	0	-	0	0.06	125.5%
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	5	6.94	-27.8%
PETRO CRK&SPRD EURO	GOC	2	0	-	0	-	3	2.39	22.1%
PETRO CRK&SPRD EURO	GRB	0	0	-	0	-	0	0.02	-100.0%
PETRO CRK&SPRD EURO	GRS	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	LSU	0	0	-	0	-	0	0.33	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	-	0.45	-100.0%	2	1	87.1%
PETRO CRK&SPRD EURO	MUD	0	9.05	-100.0%	8.68	-100.0%	3	6.81	-49.0%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-	0	0.1	144.4%
PETRO CRK&SPRD EURO	NOB	14	4.95	172.9%	11.86	13.8%	9	5.38	68.5%
PETRO CRK&SPRD EURO	NYG	0	0	-	0	-	0	0.2	-100.0%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	0	0.02	227.8%
PETRO CRK&SPRD EURO	SFC	0	0	-	0	-	0	0.13	-100.0%
PETROLEUM PRODUCTS	D43	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	D44	0	2.37	-100.0%	0	-	0	4.62	-96.8%
PETROLEUM PRODUCTS	D45	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	D63	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	D64	0	20.32	-100.0%	0	-	1	9.28	-90.3%
PETROLEUM PRODUCTS	D65	0	0	-	0	-	1	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0.11	1.0%
PETROLEUM PRODUCTS	EWG	1	0	-	0	-	0	0.6	-87.1%
PETROLEUM PRODUCTS	RMG	0	0	-	0	-	0	0.24	-100.0%
PETROLEUM PRODUCTS	RMK	0	0	-	0	-	0	0.44	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	1.53	-100.0%	0	-	4	3.45	1.8%
PETROLEUM PRODUCTS ASIA	MJN	66	81.05	-19.2%	39.09	67.6%	75	84.23	-10.7%
PETRO OUTRIGHT EURO	0A	0	0	-	0.91	-100.0%	0	0.36	9.1%
PETRO OUTRIGHT EURO	0B	6	5.26	14.0%	0.91	560.0%	4	13.04	-65.7%
PETRO OUTRIGHT EURO	0C	5	0	-	0.36	1137.6%	1	2.04	-54.9%
PETRO OUTRIGHT EURO	0D	270	229.26	17.8%	219.91	22.8%	207	163.52	26.7%
PETRO OUTRIGHT EURO	0E	29	33.58	-13.6%	19	52.6%	22	12.68	70.3%
PETRO OUTRIGHT EURO	0F	40	32.16	24.1%	39.36	1.4%	44	57.69	-23.8%

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Energy Futures									
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-	0	0.12	199.2%
PETRO OUTFRIGHT EURO	33	1	1.79	-58.1%	1.36	-45.0%	3	4.48	-40.2%
PETRO OUTFRIGHT EURO	59	0	0	-	0	-	0	2.7	-100.0%
PETRO OUTFRIGHT EURO	5L	2	1.84	22.1%	3.41	-34.0%	5	7.51	-32.3%
PETRO OUTFRIGHT EURO	63	6	9.32	-31.3%	2.95	116.6%	5	6.42	-28.8%
PETRO OUTFRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	7I	14	21.32	-34.6%	10.45	33.4%	9	27.55	-68.7%
PETRO OUTFRIGHT EURO	7P	0	0	-	0	-	0	0.1	74.6%
PETRO OUTFRIGHT EURO	7R	8	18	-55.6%	1.68	375.7%	12	22.03	-43.4%
PETRO OUTFRIGHT EURO	88	3	0	-	0	-	1	0.74	73.0%
PETRO OUTFRIGHT EURO	CBB	0	2.63	-100.0%	0	-	0	0.2	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT EURO	CPB	3	7.89	-67.1%	3.91	-33.5%	2	2.49	-12.1%
PETRO OUTFRIGHT EURO	EFF	1	0.26	90.0%	0	-	1	0.98	-25.1%
PETRO OUTFRIGHT EURO	EFM	0	1.58	-100.0%	0	-	2	4.64	-57.6%
PETRO OUTFRIGHT EURO	ENS	2	1.32	71.0%	5.55	-59.4%	3	6.05	-53.3%
PETRO OUTFRIGHT EURO	EWN	3	4.79	-42.6%	7.82	-64.8%	4	2.3	93.7%
PETRO OUTFRIGHT EURO	FBD	0	0	-	0	-	1	0.06	780.3%
PETRO OUTFRIGHT EURO	MBB	0	0	-	2.27	-100.0%	1	3.21	-67.0%
PETRO OUTFRIGHT EURO	MBN	47	66.32	-29.3%	72.45	-35.3%	53	71.75	-26.4%
PETRO OUTFRIGHT EURO	RBF	0	0	-	0	-	0	1.19	-100.0%
PETRO OUTFRIGHT EURO	SMU	0	2.63	-100.0%	0	-	3	1.19	118.2%
PETRO OUTFRIGHT EURO	T0	3	11	-72.3%	3.73	-18.2%	8	3.83	116.3%
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-	7	1.94	245.1%
PETRO OUTFRIGHT EURO	V0	0	0	-	0	-	12	10.71	12.9%
PETRO OUTFRIGHT EURO	W0	0	0	-	0	-	0	0.4	-100.0%
PETRO OUTFRIGHT EURO	X0	0	0	-	2.73	-100.0%	3	1.17	159.0%
PETRO OUTFRIGHT EURO	Y0	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	5Y	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	DBB	0	0	-	0	-	0	5.08	-100.0%
PETRO OUTFRIGHT NA	FCB	22	5.74	275.6%	2.91	640.8%	13	12.07	6.7%
PETRO OUTFRIGHT NA	FOB	0	0	-	0	-	0	0	-
PETRO OUTFRIGHT NA	FOM	0	0.53	-100.0%	0.68	-100.0%	0	0.19	43.9%
PETRO OUTFRIGHT NA	JE	12	1.05	1040.0%	0	-	2	0.08	2380.7%
PETRO OUTFRIGHT NA	JET	88	0	-	77.95	12.2%	62	0	-
PETRO OUTFRIGHT NA	MBL	0	0	-	0	-	3	5.91	-45.4%

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Energy Futures									
PETRO OUTRIGHT NA	MEN	19	36.42	-48.4%	20.41	-7.9%	30	37.71	-20.9%
PETRO OUTRIGHT NA	MEO	403	417.47	-3.6%	270.64	48.7%	393	445.7	-11.9%
PETRO OUTRIGHT NA	MFD	8	2.63	204.0%	11.91	-32.8%	4	4.59	-21.2%
PETRO OUTRIGHT NA	MMF	13	2.63	411.1%	7.05	90.9%	8	3.38	126.8%
PETRO OUTRIGHT NA	NYB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	0	1.45	-92.5%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0.2	96.4%
PGE&E CITYGATE	PC	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	8,414	0	-	10,674.18	-21.2%	6,641	7,896.15	-15.9%
PJM AD HUB 5MW REAL TIME	Z9	1,412	0	-	443.18	218.7%	453	457.4	-1.1%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-	0	501.71	-100.0%
PJM AECO DA PEAK	Y1	0	0	-	0	-	1	27.36	-97.9%
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	-	101	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	6	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	365	97.81	273.2%
PJM COMED 5MW D AH PK	D8	0	0	-	117.27	-100.0%	31	5.4	472.7%
PJM DAILY	JD	0	0	-	0	-	0	1.36	-100.0%
PJM DAYTON DA OFF-PEAK	R7	2,744	0	-	720.91	280.6%	728	2,242.94	-67.5%
PJM DAYTON DA PEAK	D7	166	0	-	5	3210.0%	55	128.11	-57.3%
PJM DPL DA OFF-PEAK	E8	0	0	-	0	-	0	0	-
PJM DPL DA PEAK	L8	0	0	-	0	-	0	0	-
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 EASTERNH DA PEAK	E9	0	0	-	0	-	0	0	-
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-	66	557.46	-88.1%
PJM JCPL DA PEAK	J2	0	0	-	0	-	3	30.4	-90.7%
PJM NI HUB 5MW REAL TIME	B3	909	0	-	476.59	90.8%	273	109.64	148.9%
PJM NI HUB 5MW REAL TIME	B6	6,568	0	-	11,568.64	-43.2%	7,688	2,448.54	214.0%
PJM NILL DA OFF-PEAK	L3	2,974	533.89	457.0%	951.23	212.6%	2,090	939.67	122.4%
PJM NILL DA PEAK	N3	139	20.47	578.2%	235.59	-41.1%	97	58.64	66.1%
PJM OFF-PEAK LMP SWAP FUT	JP	6	12.63	-52.5%	0	-	8	18.79	-57.0%
PJM PECO ZONE5MW PEAK CAL MO DAY A	4N	0	0	-	0	-	3	0	-

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Energy Futures									
PJM PEPCO DA OFF-PEAK	Q8	0	0	-	0	-	32	0	-
PJM PEPCO DA PEAK	R8	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	1,710.55	-100.0%	265	0	-
PJM PPL DA PEAK	L5	0	0	-	92.73	-100.0%	14	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	89.09	-100.0%	8	0	-
PJM PSEG DA PEAK	L6	0	0	-	5	-100.0%	0	0	-
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0.6	-100.0%
PJM WESTH DA OFF-PEAK	E4	2,955	0	-	24,580.55	-88.0%	3,242	4,926.66	-34.2%
PJM WESTHDA PEAK	J4	141	0	-	1,270.91	-88.9%	171	280.53	-38.9%
PJM WESTH RT OFF-PEAK	N9	16,610	0	-	53,350.64	-68.9%	13,732	14,323	-4.1%
PJM WESTH RT PEAK	L1	1,548	53.95	2770.1%	2,840.23	-45.5%	940	873.58	7.6%
PLASTICS	PGP	6	62.63	-90.4%	34.77	-82.7%	46	25.77	77.0%
PLASTICS	PPP	0	0	-	0	-	0	0	-
PREMIUM UNLD 10P FOB MED	3G	7	25.37	-72.0%	1.73	311.0%	14	19.35	-30.1%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	-	0	-	0	0.02	-100.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	3.21	-100.0%	0	-	3	5.07	-40.4%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0.47	-100.0%	0	-	0	0.15	141.1%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	2	0.68	155.8%	0	-	1	1.42	-10.1%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	47	0	-	6.86	581.9%	11	1.9	471.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	635	157.63	302.6%	329.18	92.8%	373	87	328.7%
RBOB CALENDAR SWAP	RL	484	389.21	24.3%	250.09	93.5%	320	397.25	-19.4%
RBOB CRACK SPREAD	RM	57	55.79	2.2%	25.09	127.2%	48	67.54	-28.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	1.36	-100.0%	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	85	2.21	3738.5%	3.73	2176.4%	51	36.83	38.2%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0.25	59.3%
RBOB UP-DOWN CALENDAR SWA	RV	575	469.74	22.3%	633.18	-9.2%	489	410.87	18.9%
RBOB VS HEATING OIL SWAP	RH	38	63.16	-40.6%	6.82	450.0%	44	23.91	82.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	85.45	-100.0%	8	0	-
SAN JUAN BASIS SWAP	NJ	239	40.74	487.6%	81.41	194.0%	107	10.44	923.1%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-	0	1.33	-100.0%
SINGAPORE 180CST BALMO	BS	3	1.58	61.5%	1	155.0%	2	3.39	-44.4%
SINGAPORE 380CST BALMO	BT	6	1.26	378.9%	1	505.0%	5	3.61	49.5%
SINGAPORE 380CST FUEL OIL	SE	282	172	64.2%	181.86	55.3%	250	149	68.0%
SINGAPORE FUEL 180CST CAL	UA	51	182.74	-72.0%	63.45	-19.5%	92	204.23	-55.0%
SINGAPORE FUEL OIL SPREAD	SD	17	8.95	91.7%	20.68	-17.1%	23	20.02	17.2%

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Energy Futures									
SINGAPORE GASOIL	MTB	3	4.84	-48.4%	1.59	57.1%	6	7.53	-22.8%
SINGAPORE GASOIL	MTS	148	198.53	-25.3%	99.14	49.6%	120	98.99	21.2%
SINGAPORE GASOIL	STF	0	0	-	0	-	0	0.04	-100.0%
SINGAPORE GASOIL	STL	0	11.84	-100.0%	0	-	1	0.89	-27.3%
SINGAPORE GASOIL	STZ	13	0	-	0	-	1	3.73	-71.0%
SINGAPORE GASOIL BALMO	VU	0	12.63	-100.0%	15.91	-100.0%	5	35.62	-86.1%
SINGAPORE GASOIL CALENDAR	MSG	0	29.05	-100.0%	10.91	-100.0%	30	31.33	-5.1%
SINGAPORE GASOIL SWAP	SG	96	272.53	-64.8%	130.95	-26.8%	113	353.79	-68.1%
SINGAPORE GASOIL VS ICE	GA	8	60.53	-87.6%	47.73	-84.3%	26	163.83	-84.1%
SINGAPORE JET KERO BALMO	BX	0	0	-	10.23	-100.0%	2	1.07	122.2%
SINGAPORE JET KERO GASOIL	RK	5	40.79	-87.7%	22.73	-78.0%	16	72.33	-78.3%
SINGAPORE JET KEROSENE SW	KS	42	185.68	-77.6%	51.59	-19.4%	67	205.42	-67.4%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	2.63	-100.0%	0	-	0	0.2	9.1%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	9	55.26	-84.2%	19.32	-54.7%	15	28.27	-47.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	402	695.95	-42.2%	145.91	175.6%	312	713.09	-56.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.79	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-	5	6.65	-23.5%
SING FUEL	MSD	0	0	-	0	-	0	0.08	-45.5%
SOCAL BASIS SWAP	NS	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	XN	0	3.47	-100.0%	0	-	2	0.26	706.6%
SONAT BASIS SWAP FUTURE	SZ	0	13.05	-100.0%	1.36	-100.0%	64	24.56	159.5%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	19	0	-
SOUTH STAR TEX OKLHM KNS	8Z	37	0	-	55.27	-33.8%	31	3.04	934.6%
Sumas Basis Swap	NK	28	17.89	54.2%	26.36	4.7%	61	10.98	451.2%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	13	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	-	0	0.99	-94.3%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.1	30.9%
TCO BASIS SWAP	TC	69	2,583.42	-97.3%	209.05	-67.1%	155	660.37	-76.5%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	17	14.51	16.5%
TD3 MEG TO JAPAN 250K MT	TL	0	0	-	0	-	0	0.02	-100.0%
TENN 800 LEG NAT GAS INDE	L4	14	0	-	95.18	-85.3%	10	0.49	1987.5%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	24	10.08	137.2%
TENNESSEE 500 LEG NG INDE	Y7	0	0	-	0	-	0	0	-
TENNESSEE 500 LEG NG SWIN	T7	0	0	-	0	-	0	1.11	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	17	10.19	66.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	27.45	-100.0%	3	0.89	194.2%

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Energy Futures									
Tetco ELA Basis	TE	0	0	-	0	-	6	0	-
TETCO M-3 INDEX	IX	0	0	-	0	-	29	30.55	-3.9%
Tetco STX Basis	TX	18	0	-	0	-	20	0.25	8116.3%
TEXAS EASTERN ZONE M-3 BA	NX	94	22.53	315.1%	205.27	-54.5%	90	170.56	-47.2%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	70	26.32	165.8%
TRANSCO ZONE 1 NG BASIS	8E	0	0	-	0	-	2	0.48	229.1%
Transco Zone 3 Basis	CZ	0	0	-	42.64	-100.0%	30	18.44	63.8%
TRANSCO ZONE4 BASIS SWAP	TR	88	93.68	-6.1%	76.14	15.6%	303	52.13	481.4%
TRANSCO ZONE 4 NAT GAS IN	B2	0	19.58	-100.0%	0	-	4	1.48	172.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	11	32	-66.7%	48.55	-78.1%	44	14.85	198.5%
TRANSCO ZONE 6 INDEX	IT	0	2.11	-100.0%	0	-	0	3.47	-90.5%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	-	1	0	-
UCM FUT	UCM FUT	0	0	-	2.73	-100.0%	3	2.45	2.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0.01	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	6	0.26	2331.6%	4.55	40.8%	4	2.49	58.2%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0.11	-100.0%	0	-	0	0.15	-26.3%
ULSD UP-DOWN BALMO SWP	1L	347	44.37	681.5%	165.91	109.0%	161	79.12	104.1%
UP DOWN GC ULSD VS NMX HO	LT	2,364	1,577.74	49.9%	2,316.55	2.1%	1,942	1,473.92	31.7%
USGC UNL 87 CRACK SPREAD	RU	34	5.26	541.2%	6.82	395.0%	15	19.05	-23.9%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	-	0	0	-
WAHA BASIS	NW	113	262.26	-57.0%	325.23	-65.3%	144	110.84	29.8%
WAHA INDEX SWAP FUTURE	IY	86	0	-	0	-	7	0.83	789.4%
WESTERN RAIL DELIVERY PRB	QP	119	202.89	-41.2%	137.05	-13.0%	111	141.81	-21.7%
WTI-BRENT BULLET SWAP	BY	0	5.26	-100.0%	0	-	0	30.36	-100.0%
WTI-BRENT CALENDAR SWAP	BK	834	1,621.32	-48.5%	874.32	-4.6%	1,090	1,062.91	2.6%
WTI CALENDAR	CS	1,037	1,753.95	-40.9%	1,634.45	-36.6%	1,659	1,590.02	4.3%
WTS (ARGUS) VS WTI SWAP	FF	180	724.11	-75.1%	55.91	222.0%	256	251.73	1.7%
WTS (ARGUS) VS WTI TRD MT	FH	8	155.89	-95.2%	57.73	-87.0%	82	49.48	66.1%
Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	4.55	-100.0%	0	0	-
APPALACHIAN COAL	6K	0	0	-	0	-	0	3.35	-94.8%
BRENT 1 MONTH CAL	AA	0	0	-	0	-	0	0.79	-100.0%

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Energy Options									
BRENT CALENDAR SWAP	BA	56	830.21	-93.3%	59.59	-6.6%	654	1,642.52	-60.2%
BRENT OIL LAST DAY	BE	58	497.42	-88.3%	53.95	8.1%	224	465.58	-51.9%
BRENT OIL LAST DAY	OS	99	614.32	-83.9%	45.73	116.7%	238	908.22	-73.8%
COAL API2 INDEX	CLA	214	61.58	247.1%	309.09	-30.8%	264	17.68	1395.5%
COAL API2 INDEX	CQA	634	7.63	8204.4%	464.77	36.4%	409	14.94	2640.1%
COAL API2 INDEX	MTC	0	0	-	0	-	1	0	-
COAL API4 INDEX	RLA	0	5.26	-100.0%	1.14	-100.0%	6	4.92	23.2%
COAL API4 INDEX	RQA	0	0	-	1.14	-100.0%	3	1.71	52.2%
COAL SWAP	CPF	0	2.89	-100.0%	2.95	-100.0%	3	3.95	-20.0%
COAL SWAP	RPF	68	38.68	75.8%	1.82	3640.0%	17	11.27	47.1%
CRUDE OIL 1MO	WA	7,026	11,833.42	-40.6%	5,366.82	30.9%	9,680	8,181.83	18.3%
CRUDE OIL APO	AO	1,197	4,409.47	-72.9%	1,538.23	-22.2%	3,068	3,528.67	-13.0%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-	0	0.24	-100.0%
CRUDE OIL OUTRIGHTS	AH	800	0	-	0	-	72	3.57	1912.1%
CRUDE OIL OUTRIGHTS	DBP	0	142.11	-100.0%	0	-	4	20.71	-81.2%
CRUDE OIL PHY	CD	110	347.37	-68.3%	77.27	42.4%	77	94.64	-18.6%
CRUDE OIL PHY	LC	2,934	1,262.42	132.4%	499.45	487.4%	2,055	874.5	135.0%
CRUDE OIL PHY	LO	138,834	155,248.05	-10.6%	139,883.32	-0.8%	157,183	123,443.58	27.3%
CRUDE OIL PHY	LO1	183	290.16	-36.9%	63.5	188.5%	190	155.69	21.7%
CRUDE OIL PHY	LO2	181	545.16	-66.9%	89.18	102.5%	142	170.54	-16.7%
CRUDE OIL PHY	LO3	57	412.89	-86.2%	72.14	-21.3%	99	110.11	-10.3%
CRUDE OIL PHY	LO4	58	717.47	-91.9%	82.27	-29.0%	117	171.4	-31.9%
CRUDE OIL PHY	LO5	0	0	-	210.14	-100.0%	66	44.93	47.6%
DAILY CRUDE OIL	DNM	0	242.11	-100.0%	0	-	35	150.4	-77.0%
ELEC FINSETTLED	PML	0	1.47	-100.0%	0	-	0	5.65	-97.0%
ELEC MISO PEAK	9T	127	0	-	0	-	11	0	-
ELEC MISO PEAK	OEM	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	N9P	0	0	-	0	-	0	18.11	-100.0%
ETHANOL SWAP	CVR	212	391.37	-45.9%	371.32	-42.9%	291	400.18	-27.3%
ETHANOL SWAP	GVR	8	0	-	32.73	-77.1%	17	72.98	-76.7%
EURO-DENOMINATED PETRO PROD	EFB	0	0	-	0	-	0	2.68	-100.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0.68	-100.0%	0	0.16	-59.1%
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0	-
GASOIL CRACK SPREAD AVG PRICE OPTIO	3U	0	0	-	0	-	0	3.26	-100.0%
GASOLINE	GCE	0	0	-	0	-	1	2.77	-80.5%
HEATING OIL PHY	LB	15	14.21	5.9%	2.27	562.2%	22	34.92	-36.8%

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Energy Options									
HEATING OIL PHY	OH	1,965	3,272.16	-39.9%	2,053.82	-4.3%	2,351	3,116.29	-24.5%
HENRY HUB FINANCIAL LAST	E7	60	443.16	-86.4%	29.5	104.4%	95	260.86	-63.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	15	87.14	-82.6%
HUSTN SHIP CHNL PIPE SWP	PK	18	0	-	0	-	16	0	-
ISO NEW ENGLAND PK LMP	OE	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	204	0	-	0	-	18	0	-
MCCLOSKEY ARA ARGS COAL	MTO	260	126.32	105.8%	0	-	39	106.92	-63.6%
MCCLOSKEY RCH BAY COAL	MFO	0	126.32	-100.0%	0	-	8	25.95	-68.7%
NATURAL GAS 12 M CSO FIN	G7	25	0	-	31.82	-21.4%	10	0	-
NATURAL GAS 1 M CSO FIN	G4	1,060	5,264.37	-79.9%	1,313.64	-19.3%	1,104	3,504.12	-68.5%
NATURAL GAS 2 M CSO FIN	G2	50	73.68	-32.1%	45.45	10.0%	21	8.33	157.1%
NATURAL GAS 3 M CSO FIN	G3	58	34.21	68.1%	22.73	153.0%	283	268.98	5.3%
NATURAL GAS 5 M CSO FIN	G5	0	23.68	-100.0%	0	-	12	2.58	353.2%
NATURAL GAS 6 M CSO FIN	G6	50	155.26	-67.8%	45.45	10.0%	203	165.39	22.8%
NATURAL GAS OPTION ON CALENDAR STR	6J	27	49.47	-45.4%	55.45	-51.3%	53	55.82	-5.8%
NATURAL GAS PHY	KD	1,299	2,019	-35.6%	1,329.77	-2.3%	1,047	1,010.71	3.6%
NATURAL GAS PHY	LN	100,821	92,417.21	9.1%	98,824.09	2.0%	74,742	83,079.64	-10.0%
NATURAL GAS PHY	ON	16,019	17,138.63	-6.5%	16,619.59	-3.6%	11,444	13,369.38	-14.4%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0.1	-100.0%
NATURAL GAS PHY	ON2	0	0	-	0	-	0	0.06	-100.0%
NATURAL GAS PHY	ON3	0	0.26	-100.0%	0	-	0	0.06	-100.0%
NATURAL GAS PHY	ON4	0	0	-	0	-	0	0.04	-100.0%
NATURAL GAS PHY	ON5	0	0	-	0	-	0	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	28	61.29	-54.6%
NY HARBOR HEAT OIL SWP	AT	532	789.16	-32.6%	569.82	-6.7%	635	1,142.6	-44.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	20	-100.0%	2	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	6	1.06	495.1%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	1	0	-
PETROCHEMICALS	4H	20	127.63	-84.5%	60.18	-67.2%	57	89.6	-36.1%
PETROCHEMICALS	4I	0	0	-	0	-	0	1.79	-100.0%
PETROCHEMICALS	4J	8	0	-	0	-	8	39.84	-80.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	4.27	-100.0%
PETROCHEMICALS	CPR	0	0	-	0	-	0	1.05	-94.2%
PETRO OUTRIGHT EURO	8H	0	40.79	-100.0%	0	-	1	4.82	-83.8%
PGE CITYGATE PIPE SWAP	CW	0	0	-	0	-	0	0	-

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Energy Options									
PJM CALENDAR STRIP	60	33.16	-97.0%	13.64	-92.7%	7	39.17	-81.9%	
PJM ELECTRIC	600	0	-	0	-	0	0.02	-100.0%	
PJM MONTHLY	JO	0	-	0	-	0	0.16	-100.0%	
PJM WES HUB PEAK CAL MTH	60A	0	-	0	-	1	0	-	
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	0	-	0	10.22	-100.0%	
RBOB CALENDAR SWAP	RA	30	77.6%	36.73	-18.3%	82	392.62	-79.1%	
RBOB PHY	OB	1,135	1,372.21	-17.3%	1,269.82	-10.6%	1,390	1,595.12	-12.9%
RBOB PHY	RF	0	162.58	-100.0%	0	-	23	47.98	-51.3%
ROTTERDAM 3.5%FUEL OIL CL	Q6	1	16.58	-97.0%	0	-	3	21.43	-87.6%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	20	13.21	55.0%
SHORT TERM	U11	0	0	-	0	-	13	9.33	42.0%
SHORT TERM	U12	6	26.32	-76.3%	4.55	37.5%	9	4.37	104.8%
SHORT TERM	U13	48	35.53	33.7%	0	-	11	8.43	30.1%
SHORT TERM	U14	0	18.42	-100.0%	4.55	-100.0%	7	4.37	58.7%
SHORT TERM	U15	0	0	-	40.91	-100.0%	11	9.05	25.6%
SHORT TERM	U22	0	0	-	11.36	-100.0%	6	12.5	-49.4%
SHORT TERM	U23	7	0	-	6.82	-4.7%	10	3.57	189.7%
SHORT TERM	U24	0	0	-	0	-	9	2.48	267.4%
SHORT TERM	U25	3	5.26	-52.5%	0	-	4	0.4	991.0%
SHORT TERM	U26	0	5.26	-100.0%	32.95	-100.0%	5	1.69	175.9%
SHORT TERM CRUDE OIL	C02	0	0	-	0	-	0	2.98	-100.0%
SHORT TERM CRUDE OIL	C05	0	0	-	0	-	0	0.2	-100.0%
SHORT TERM NATURAL GAS	U01	10	0	-	0	-	8	1.88	326.0%
SHORT TERM NATURAL GAS	U02	0	0	-	139.77	-100.0%	22	8.63	157.7%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-	12	6.94	68.3%
SHORT TERM NATURAL GAS	U04	15	13.16	14.0%	0	-	7	4.76	52.3%
SHORT TERM NATURAL GAS	U05	68	2.63	2465.0%	0	-	10	4.86	95.9%
SHORT TERM NATURAL GAS	U06	0	102.63	-100.0%	6.82	-100.0%	10	11.31	-11.0%
SHORT TERM NATURAL GAS	U07	0	18.42	-100.0%	4.55	-100.0%	10	3.27	193.6%
SHORT TERM NATURAL GAS	U08	0	0	-	6.82	-100.0%	9	6.15	39.0%
SHORT TERM NATURAL GAS	U09	56	0	-	13.64	312.5%	21	2.98	602.7%
SHORT TERM NATURAL GAS	U10	3	5.26	-52.5%	0	-	13	7.54	66.5%
SHORT TERM NATURAL GAS	U16	10	0	-	3.41	193.3%	12	2.68	340.4%
SHORT TERM NATURAL GAS	U17	0	0	-	0	-	5	7.64	-32.8%
SHORT TERM NATURAL GAS	U18	0	0	-	0	-	4	4.66	-23.4%
SHORT TERM NATURAL GAS	U19	3	0	-	23.86	-89.5%	14	2.48	453.3%

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Energy Options									
SHORT TERM NATURAL GAS	U20	0	0	-	9.09	-100.0%	7	1.61	366.0%
SHORT TERM NATURAL GAS	U21	0	10.53	-100.0%	22.73	-100.0%	10	3.77	152.6%
SHORT TERM NATURAL GAS	U27	10	0	-	0	-	5	0.69	663.7%
SHORT TERM NATURAL GAS	U28	0	0	-	3.41	-100.0%	2	1.39	40.3%
SHORT TERM NATURAL GAS	U29	0	0	-	29.55	-100.0%	7	2.18	217.4%
SHORT TERM NATURAL GAS	U30	0	0	-	25	-100.0%	17	0.99	1591.0%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	1	1.98	-45.5%
SINGAPORE FUEL OIL 180 CS	C5	0	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	13.64	-100.0%	1	0.6	118.2%
SINGAPORE JET FUEL CALEND	N2	0	0	-	13.64	-100.0%	6	11.41	-43.1%
SOCAL PIPE SWAP	ZN	0	10.53	-100.0%	0	-	0	12.38	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	1,059.21	-100.0%	0	-	9	349.77	-97.5%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	-	0	-	0	35.84	-100.0%
WTI-BRENT BULLET SWAP	BV	1,298	1,356.58	-4.4%	664.77	95.2%	1,061	2,200.68	-51.8%
WTI CRUDE OIL 12 M CSO F	7Z	0	52.63	-100.0%	0	-	0	15.87	-100.0%
WTI CRUDE OIL 1 M CSO FI	7A	7,509	19,106.58	-60.7%	7,364.77	2.0%	7,675	5,758.36	33.3%
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	25	2.53	885.6%	9.95	150.1%	7	1.26	481.9%
COFFEE	KT	2	1.21	52.8%	1.64	13.1%	3	1.69	58.7%
COTTON	TT	1	3.79	-76.3%	1.95	-54.0%	2	2.92	-15.6%
SUGAR 11	YO	9	3.84	130.3%	2.14	314.2%	6	3.02	94.1%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		37	11.37	221.1%	15.68	132.8%	18	8.89	106.1%
Energy Futures		1,684,182	1,598,882.63	5.3%	1,783,710.91	-5.6%	1,682,798	1,371,141.47	22.7%
Metals Futures		384,210	421,554.21	-8.9%	266,505.32	44.2%	315,780	294,496.91	7.2%
TOTAL FUTURES		2,068,428	2,020,448.21	2.4%	2,050,231.91	0.9%	1,998,596.08	1,665,647.27	20.0%

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Commodity	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
TOTAL OPTIONS GROUP								
Energy Options	285,554	323,447.37	-11.7%	280,022.14	2.0%	277,715	257,627.76	7.8%
Metals Options	35,123	55,856.74	-37.1%	37,138.5	-5.4%	36,336	42,119.01	-13.7%
TOTAL OPTIONS	320,677	379,304.11	-15.5%	317,160.64	1.1%	314,050.87	299,746.78	4.8%
TOTAL COMBINED								
Metals	419,332	477,410.95	-12.2%	303,643.82	38.1%	352,115	336,615.92	4.6%
Energy	1,969,736	1,922,330	2.5%	2,063,733.05	-4.6%	1,960,513	1,628,769.24	20.4%
Commodities and Alternative Investments	37	11.37	221.1%	15.68	132.8%	18	8.89	106.1%
GRAND TOTAL	2,389,105	2,399,752.32	-0.4%	2,367,392.55	0.9%	2,312,646.95	1,965,394.05	17.7%