

NYMEX/COMEX Exchange ADV Report - Monthly

December 2017

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Commodity		ADV DEC 2017	ADV DEC 2016	% CHG	ADV NOV 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Metals Futures									
COMEX GOLD	GC	259,329	167,693.9	54.6%	410,635.14	-36.8%	290,048	228,431.9	27.0%
NYMEX HOT ROLLED STEEL	HR	277	129.38	113.7%	218.95	26.3%	252	213.83	17.8%
NYMEX PLATINUM	PL	28,477	20,151.05	41.3%	18,143.05	57.0%	19,331	15,849.49	22.0%
PALLADIUM	PA	3,645	4,344	-16.1%	7,296.05	-50.0%	5,589	5,697.87	-1.9%
URANIUM	UX	47	13.71	243.1%	46.57	1.0%	25	30.09	-15.4%
COMEX SILVER	SI	69,405	54,072.81	28.4%	120,929.24	-42.6%	91,773	72,296.59	26.9%
COMEX E-Mini GOLD	QO	250	346	-27.9%	338.43	-26.2%	368	516.63	-28.7%
COMEX E-Mini SILVER	QI	41	48.14	-15.5%	38.38	6.0%	39	59.46	-35.0%
COMEX COPPER	HG	117,658	68,275.19	72.3%	142,496.62	-17.4%	107,775	85,414.87	26.2%
COMEX MINY COPPER	QC	31	26.62	17.8%	29.95	4.7%	33	26.49	24.4%
ALUMINUM	A38	0	3.81	-100.0%	0	-	0	0.66	-82.0%
ALUMINUM	AEP	117	43.29	170.3%	137.43	-14.9%	119	53.86	121.6%
ALUMINUM	ALA	63	0	-	3.57	1664.0%	27	0.24	11085.8%
ALUMINUM	ALI	0	22.29	-100.0%	0	-	23	32.7	-29.9%
ALUMINUM	AUP	467	117.57	297.0%	226.76	105.9%	341	273.3	24.9%
ALUMINUM	CUP	16	0	-	0	-	1	0	-
ALUMINUM	EDP	62	49.71	24.2%	22.86	170.2%	43	41.48	4.4%
ALUMINUM	MJP	92	36.19	153.7%	80.71	13.7%	69	36.12	91.9%
COPPER	HGS	197	3.1	6272.8%	163.67	20.5%	36	15.4	132.5%
E-MICRO GOLD	MGC	4,152	2,822.86	47.1%	5,353.38	-22.4%	4,548	3,876.79	17.3%
FERROUS PRODUCTS	BUS	4	0	-	8.1	-53.7%	6	3.86	51.3%
GOLD	GPS	0	0	-	0	-	0	0.01	-49.4%
Gold Kilo	GCK	5	177.38	-97.1%	13.57	-61.7%	15	222.85	-93.4%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	41.43	-100.0%	38	12.13	209.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	145	659.1	-77.9%	176.19	-17.4%	360	791.4	-54.6%
LNDN ZINC	ZNC	1	0.14	459.8%	0.48	68.0%	1	0.91	-38.4%
METALS	LED	0	0	-	0	-	0	0.1	-100.0%
SILVER	SIL	242	308.33	-21.4%	374.57	-35.3%	283	404.51	-30.0%
Metals Options									
COMEX COPPER	HX	1,006	87.29	1053.1%	603.57	66.7%	428	152.67	180.5%
COMEX GOLD	OG	37,362	34,952.81	6.9%	35,158.43	6.3%	39,412	39,349.4	0.2%
COMEX SILVER	SO	5,599	3,816.76	46.7%	4,987.52	12.3%	5,733	5,458.87	5.0%
GOLD	OG1	329	42.57	672.6%	394.76	-16.7%	196	59.5	230.0%

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Metals Options									
GOLD	OG2	342	68.14	402.3%	426.62	-19.8%	196	81.85	139.2%
GOLD	OG3	372	110.38	236.7%	219.48	69.3%	195	48.61	300.5%
GOLD	OG4	246	52	372.1%	155.9	57.5%	111	32.57	241.5%
GOLD	OG5	267	31.95	736.4%	0	-	60	14.38	314.8%
HOT ROLLED COIL STEEL CALL OPTION	HRO	60	0	-	0	-	6	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	7.62	-100.0%	61.14	-100.0%	72	157.73	-54.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	16.9	-100.0%	35.71	-100.0%	104	128.62	-19.1%
NYMEX PLATINUM	PO	315	269.05	17.2%	176.14	79.0%	147	211.19	-30.4%
PALLADIUM	PAO	83	201.52	-58.9%	326.95	-74.7%	266	166.95	59.3%
SILVER	SO1	0	0	-	0.71	-65.0%	3	2.22	23.2%
SILVER	SO2	2	0.05	4626.9%	0.19	1081.1%	1	2.46	-57.5%
SILVER	SO3	1	12.1	-90.9%	0.86	28.3%	3	3.16	-20.8%
SILVER	SO4	1	10.24	-91.2%	0.05	1790.8%	1	1.87	-56.2%
SILVER	SO5	2	0.38	543.2%	0	-	0	1.02	-79.4%

Energy Futures

CRUDE OIL PHY	CL	1,010,235	1,141,951.67	-11.5%	1,315,986	-23.2%	1,235,270	1,098,287.45	12.5%
CRUDE OIL	WS	55	404.76	-86.4%	724.24	-92.4%	301	376.7	-20.0%
MINY WTI CRUDE OIL	QM	8,382	10,888.14	-23.0%	11,199	-25.2%	11,960	13,416.56	-10.9%
BRENT OIL LAST DAY	BZ	64,730	99,917.86	-35.2%	74,779.52	-13.4%	87,012	94,099.64	-7.5%
HEATING OIL PHY	HO	175,221	157,986.05	10.9%	169,013.24	3.7%	173,690	156,306.94	11.1%
HTG OIL	BH	0	3.62	-100.0%	0	-	1	22.13	-93.9%
MINY HTG OIL	QH	0	0.24	-37.0%	0.19	-21.3%	0	0.42	-66.5%
RBOB PHY	RB	168,424	153,403.76	9.8%	177,016.43	-4.9%	198,848	180,272.47	10.3%
MINY RBOB GAS	QU	0	0.1	110.1%	0.19	5.0%	0	0.2	0.4%
NATURAL GAS	HP	7,611	6,354.24	19.8%	5,470.33	39.1%	6,649	6,246.77	6.4%
LTD NAT GAS	HH	15,779	18,614.43	-15.2%	14,921.1	5.8%	14,102	11,739.46	20.1%
MINY NATURAL GAS	QG	2,017	2,304.38	-12.5%	1,351.29	49.3%	1,243	1,345.16	-7.6%
PJM MONTHLY	JM	0	0	-	0	-	0	11.69	-95.9%
NATURAL GAS PHY	NG	525,030	466,806.81	12.5%	476,500.71	10.2%	431,840	386,827.74	11.6%
RBOB GAS	RT	96	103.62	-7.8%	88.1	8.4%	113	76.91	47.4%
3.5% FUEL OIL CID MED SWA	7D	0	15.52	-100.0%	3.33	-100.0%	4	13.06	-68.4%
3.5% FUEL OIL CIF BALMO S	8D	0	4.29	-100.0%	0	-	1	1.58	-55.7%

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Energy Futures									
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0.95	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-	0	24.7	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-	0	32.38	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	5.9	-100.0%	0	-	0	0.97	-100.0%
ANR OKLAHOMA	NE	0	0	-	0	-	0	19	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-	0	0.52	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	1,518	412.52	267.9%	2,626.19	-42.2%	758	573.68	32.2%
ARGUS PROPAN FAR EST INDE	7E	194	49.29	293.3%	187.24	3.5%	129	72.3	78.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	70	28.38	145.6%	52.67	32.3%	51	40.13	28.0%
AUSTRIALIAN COKE COAL	ACT	6	0	-	5.71	5.0%	1	0	-
AUSTRIALIAN COKE COAL	ALW	0	12	-100.0%	0	-	4	19.13	-79.1%
BRENT BALMO SWAP	J9	0	11.9	-100.0%	0	-	2	9.1	-74.7%
BRENT CALENDAR SWAP	CY	212	127.14	67.0%	121.67	74.5%	139	87.66	59.0%
BRENT FINANCIAL FUTURES	BB	0	9.14	-100.0%	48.1	-100.0%	171	12.28	1296.7%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	5.65	-100.0%
BRENT FINANCIAL FUTURES	MDB	5	0	-	2.48	93.8%	2	9.97	-83.0%
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	-	32	71.15	-55.5%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	0	21.24	-100.0%	0	-	29	82.96	-64.7%
CENTERPOINT BASIS SWAP	PW	0	0	-	22.14	-100.0%	4	52.3	-92.4%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	2.94	-100.0%
CHICAGO ETHANOL SWAP	CU	4,780	8,333.71	-42.6%	5,214.81	-8.3%	5,350	5,246.79	2.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	29	7.14	299.0%	7.38	286.1%	9	11.46	-23.2%
CHICAGO UNL GAS PL VS RBO	3C	0	0	-	0	-	0	8.29	-100.0%
CIG BASIS	CI	0	24.71	-100.0%	34.76	-100.0%	6	325.95	-98.2%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	3	4.18	-31.4%
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	0	0	-	0	-	1,299	1,279.52	1.5%
CIN HUB 5MW D AH PK	H5	61	55.43	10.1%	28.57	113.5%	78	87.87	-11.5%
CIN HUB 5MW REAL TIME O P	H4	0	7,782.86	-100.0%	0	-	1,582	4,827.24	-67.2%

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CIN HUB 5MW REAL TIME PK	H3	0	85.24	-100.0%	0	-	102	270.72	-62.3%
COAL SWAP	ACM	2	2.62	-14.1%	3.33	-32.5%	7	12.21	-43.9%
COAL SWAP	SSI	0	0	-	0	-	0	0.74	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	4	87.46	-95.4%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	0	8.76	-100.0%
COLUMBIA GULF ONSHORE	GL	0	41.33	-100.0%	0	-	5	15.78	-66.4%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	2	0	-	5.71	-70.3%	12	6.71	77.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	13	7.86	64.8%	3.57	262.6%	33	10.95	201.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	539	384.43	40.2%	502.38	7.3%	437	350.45	24.8%
CRUDE OIL	CHB	0	0	-	0	-	0	0.24	-100.0%
CRUDE OIL	LPS	207	186.76	10.6%	134	54.1%	184	229.82	-19.9%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	32	8.76	260.7%	6.67	374.0%	26	4.74	439.3%
CRUDE OIL OUTRIGHTS	CC5	5	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	CPD	35	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	4	5.71	-25.6%	7.38	-42.4%	11	9.15	21.5%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	19.57	-100.0%	8	3.37	140.5%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	GSW	0	2.86	-100.0%	2.14	-100.0%	1	0.91	-12.7%
CRUDE OIL OUTRIGHTS	HTT	1,757	332.71	428.1%	2,046.67	-14.1%	978	119.58	717.9%
CRUDE OIL OUTRIGHTS	LSW	14	0	-	57.86	-75.4%	18	0	-
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-	4	0	-
CRUDE OIL OUTRIGHTS	UMD	30	0	-	0	-	2	0	-
CRUDE OIL OUTRIGHTS	UNS	94	0	-	0	-	7	0	-
CRUDE OIL OUTRIGHTS	WCC	4	78.57	-95.5%	0	-	99	211.78	-53.3%
CRUDE OIL OUTRIGHTS	WCW	789	0	-	813.57	-3.0%	353	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	2,573	100.48	2460.7%	2,042.14	26.0%	765	181.46	321.6%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-
DAILY PJM	NOC	0	0	-	0	-	0	0	-
DAILY PJM	PAP	0	0	-	0	-	0	0	-
DAILY PJM	PEO	0	0	-	0	-	0	0	-

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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	-
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	-	6	0.79	602.7%
DATED TO FRONTLINE BRENT	FY	0	58.57	-100.0%	19.05	-100.0%	58	86.57	-33.5%
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	4.76	-100.0%	0	-	0	0.89	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-	0	0.24	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	-	139.05	-100.0%	12	79.47	-85.4%
DOMINION TRANSMISSION INC	PG	0	304.62	-100.0%	214.67	-100.0%	212	913.87	-76.8%
DUBAI CRUDE OIL BALMO	BI	3	0	-	0	-	0	1.09	-81.7%
DUBAI CRUDE OIL CALENDAR	DC	96	315.71	-69.8%	198.19	-51.8%	334	120.23	177.8%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	6	0	-
EASTERN RAIL DELIVERY CSX	QX	1	38.1	-98.0%	0.71	5.0%	19	59.39	-67.3%
EAST/WEST FUEL OIL SPREAD	EW	0	1.43	-100.0%	0	-	5	1.58	216.6%
EIA FLAT TAX ONHWAY DIESE	A5	15	43.86	-65.7%	5.52	172.5%	32	46	-31.2%
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	10.24	-100.0%	0	-	15	0.85	1686.1%
ELEC MISO PEAK	55	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-	280	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	-	0	-	3	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-	0	93.17	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-	0	0	-

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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	-	6	21.39	-71.3%
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-	0	6.4	-100.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	0	-	0	-	15	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	3,816	0	-	1,866.67	104.4%	763	16.98	4390.7%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	100	-100.0%	27	0.93	2809.5%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	82	264.67	-69.1%	264.71	-69.1%	182	132.17	37.7%
EURO 1% FUEL OIL NEW BALM	KX	0	0.29	-100.0%	0	-	0	0.96	-92.5%
EURO 3.5% FUEL OIL RDAM B	KR	9	50.43	-83.0%	35.24	-75.7%	20	18.87	6.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	35	-100.0%	8.57	-100.0%	18	37.89	-53.0%
EURO-DENOMINATED PETRO PROD	NCP	0	36	-100.0%	0	-	6	4.41	36.7%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.01	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	4.86	-100.0%	0.24	-100.0%	2	3.16	-45.8%
EUROPE 1% FUEL OIL NWE CA	UF	3	3.81	-26.5%	0	-	3	6.15	-50.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	0.38	-100.0%	0	-	0	0.56	-72.4%
EUROPE 3.5% FUEL OIL MED	UI	2	23.29	-90.8%	15.24	-85.9%	7	18.06	-61.5%
EUROPE 3.5% FUEL OIL RDAM	UV	365	591.19	-38.2%	414.05	-11.7%	340	363.38	-6.4%
EUROPEAN GASOIL (ICE)	7F	30	532.33	-94.4%	70.95	-57.6%	125	6,246.77	-98.0%
EUROPEAN NAPHTHA BALMO	KZ	13	13.67	-2.3%	6.43	107.7%	16	8.96	74.5%
EUROPEAN NAPHTHA CRACK SPR	EN	271	311.76	-13.1%	359.1	-24.6%	322	275.25	16.9%
EUROPE DATED BRENT SWAP	UB	0	0	-	0	-	10	105.71	-90.4%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-	0	0.15	177.4%
EUROPE NAPHTHA CALSWAP	UN	112	86.48	29.2%	93.48	19.5%	127	75.06	69.5%
EURO PROPANE CIF ARA SWA	PS	52	53.52	-3.2%	82.86	-37.5%	61	62.75	-2.8%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	0	32.98	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-	0	21.62	-100.0%
FREIGHT MARKETS	FLP	9	12.76	-31.4%	0.86	920.9%	7	10.15	-29.4%
FREIGHT MARKETS	FRS	3	0	-	0	-	0	0	-
FUEL OIL CRACK VS ICE	FO	82	128.76	-36.7%	75.62	7.8%	163	203.14	-19.5%
FUEL OIL NWE CRACK VS ICE	FI	0	0	-	0	-	0	0.13	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	7.14	-100.0%	0	-	0	5.08	-98.4%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.21	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	6	9.05	-38.1%	8.14	-31.2%	12	15.99	-23.1%

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Energy Futures									
GAS EURO-BOB OXY NWE BARGES	7H	178	249.24	-28.5%	152.24	17.1%	288	326.72	-11.7%
GAS EURO-BOB OXY NWE BARGES CRK	7K	731	880.76	-17.1%	813.76	-10.2%	889	701.19	26.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	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	-	0	0.77	-74.3%
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	-	0	-	0	0.02	302.5%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.02	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	3	0	-	5.71	-47.5%	1	0.48	196.2%
GASOIL 0.1 ROTTERDAM BARG	VL	1	0	-	2.14	-65.0%	1	0.12	469.2%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.06	67.4%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.01	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	2.1	-100.0%	0.71	-100.0%	3	3.76	-23.0%
GASOIL BULLET SWAP	BG	17	0	-	0	-	2	0	-
GASOIL CALENDAR SWAP	GX	0	1.1	-100.0%	0	-	1	1.4	-30.4%
GASOIL CRACK SPREAD CALEN	GZ	120	418.29	-71.4%	352.14	-66.0%	309	257.37	20.1%
GASOIL MINI CALENDAR SWAP	QA	7	6.86	5.0%	5.67	27.1%	6	11.03	-41.7%
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	-58.2%
GRP THREE ULSD(PLT)VS HEA	A6	270	106.52	153.0%	263.57	2.2%	212	129.54	63.7%
GRP THREE UNL GS (PLT) VS	A8	75	18.81	300.1%	95.48	-21.2%	54	66.73	-18.5%
GULF COAST 3% FUEL OIL BA	VZ	213	46.9	353.6%	53.9	294.7%	68	38.32	76.7%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	5.16	-100.0%
GULF COAST JET FUEL CLNDR	GE	14	5.71	146.7%	2.14	558.0%	5	7.63	-33.7%
GULF COAST JET VS NYM 2 H	ME	1,250	1,683.67	-25.7%	1,303.57	-4.1%	1,913	1,541.62	24.1%
GULF COAST NO.6 FUEL OIL	MF	2,963	2,437.33	21.6%	2,846.24	4.1%	2,507	2,706.21	-7.4%
GULF COAST NO.6 FUEL OIL	MG	87	293.62	-70.5%	251.33	-65.6%	77	62.75	23.2%
GULF COAST ULSD CALENDAR	LY	19	64.05	-70.4%	2.57	637.0%	24	41.95	-43.5%
GULF COAST ULSD CRACK SPR	GY	0	4.76	-100.0%	0	-	15	27.7	-44.3%
HEATING OIL BALMO CLNDR S	1G	11	0	-	0	-	4	1.9	121.5%
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	0	95.48	-100.0%	0	-	210	795.85	-73.6%
HENRY HUB FINANCIAL LAST	NBP	53	0	-	83.9	-36.3%	21	0	-
HENRY HUB FINANCIAL LAST	TTE	15	0	-	6.38	130.4%	5	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	115.14	-100.0%	0	-	201	721.66	-72.1%

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Energy Futures									
HENRY HUB SWAP	NN	11,262	17,067.9	-34.0%	8,779.48	28.3%	9,066	19,850.33	-54.3%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	1.15	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	0	68.95	-100.0%	260.95	-100.0%	37	126.38	-70.8%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	0	0.74	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	3	0	-
ICE BRENT DUBAI SWAP	DB	113	527.71	-78.5%	955.95	-88.1%	477	131.6	262.7%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0	-
IN DELIVERY MONTH EUA	6T	0	59.52	-100.0%	0	-	11	147.78	-92.3%
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	-
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0	-	0	-	0	0.87	-97.7%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.08	-49.9%
JAPAN C&F NAPHTHA CRACK S	JB	38	27.29	38.4%	39.52	-4.5%	29	19.62	50.2%
JAPAN C&F NAPHTHA SWAP	JA	82	81.67	0.0%	74.48	9.7%	73	61.59	19.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	3.86	-89.6%	0	-	6	1.93	192.9%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0.68	-79.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.09	-100.0%
JET CIF NWE VS ICE	JC	4	4.76	-26.5%	13	-73.1%	5	3.53	48.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.01	151.9%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0.1	-100.0%	0	0.12	114.3%
JET FUEL UP-DOWN BALMO CL	1M	222	381.9	-41.8%	196.67	13.0%	322	226.49	42.2%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0.21	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	5	29.86	-83.3%	5.95	-16.0%	9	31.37	-71.8%
LA CARBOB GASOLINE(OPIS)S	JL	23	0	-	14.29	57.5%	13	23.61	-45.6%
LA JET FUEL VS NYM NO 2 H	MQ	0	1.43	-100.0%	0	-	0	3.33	-97.0%
LA JET (OPIS) SWAP	JS	63	42.86	46.4%	35.24	78.1%	80	87.75	-8.6%
LLS (ARGUS) VS WTI SWAP	WJ	452	203.81	121.5%	392.33	15.1%	259	282.63	-8.4%
MARS (ARGUS) VS WTI SWAP	YX	126	301.19	-58.2%	65.24	93.1%	146	214.63	-32.2%
MARS (ARGUS) VS WTI TRD M	YV	1,265	684.76	84.7%	1,813.67	-30.3%	1,036	556.66	86.1%
MARS BLEND CRUDE OIL	MB	160	44.71	258.8%	47.62	236.9%	72	78.55	-7.8%

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Energy Futures									
MCCLOSKEY ARA ARGS COAL	MTF	955	2,362.57	-59.6%	1,344.71	-29.0%	1,997	7,118.4	-72.0%
MCCLOSKEY RCH BAY COAL	MFF	128	424.1	-69.8%	125.48	2.2%	221	760.18	-70.9%
MGF FUT	MGF	0	0	-	1.43	-100.0%	1	0.4	217.3%
MGN1 SWAP FUT	MGN	3	6.67	-61.0%	3.33	-22.0%	4	6.7	-33.1%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-	0	8.73	-100.0%
MICHIGAN BASIS	NF	0	46.33	-100.0%	7.43	-100.0%	11	108.52	-89.9%
MICHIGAN MISO	HMO	0	0	-	0	-	424	506.51	-16.3%
MICHIGAN MISO	HMW	0	0	-	0	-	23	28.73	-20.5%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	33	32.86	1.7%	9.29	259.7%	21	21.54	-0.5%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	6	2.38	152.0%	4.29	40.0%	23	15.44	50.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	71	214.48	-67.1%	71.57	-1.4%	104	86.07	20.6%
MJC FUT	MJC	12	0	-	5.48	114.6%	6	3.55	72.8%
MNC FUT	MNC	92	191.67	-51.9%	130.95	-29.6%	182	189.75	-4.0%
MONT BELVIEU ETHANE 5 DECIMAL	C0	737	2,456.52	-70.0%	600.95	22.6%	1,023	2,344.29	-56.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	17	17.86	-6.2%	8.57	95.4%	13	7.62	67.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	5,026	4,089.48	22.9%	4,819	4.3%	4,471	5,339.44	-16.3%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	75	108.71	-30.9%	53	41.7%	78	47.89	62.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	1,085	222.38	387.9%	749.05	44.9%	341	363.36	-6.2%
MONT BELVIEU NATURAL GASOLINE BALM	R0	16	9.52	69.6%	22.86	-29.3%	15	7.86	85.8%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	939	1,821.38	-48.5%	2,037.67	-53.9%	1,380	1,370.19	0.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	35	35.05	-0.7%	27.81	25.1%	34	28.62	17.5%
NAT GAS BASIS SWAP	TZ6	0	40.76	-100.0%	20.1	-100.0%	10	151.05	-93.2%
NATURAL GAS	HBI	0	0	-	0	-	0	14.05	-100.0%
NATURAL GAS	XIC	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	CFS	0	0	-	0	-	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	1	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	-	0	-	3	26.6	-90.2%
NATURAL GAS PEN SWP	NP	2,379	4,842.67	-50.9%	4,007.57	-40.6%	3,878	5,279.02	-26.5%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	47.32	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	2.52	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	354.29	-100.0%	0	-	937	2,060.99	-54.5%
NEPOOL INTR HUB 5MW D AH	U6	0	60.71	-100.0%	0	-	69	181.09	-62.0%

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Energy Futures									
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-	56	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-	3	2.54	20.0%
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	79	41.43	89.5%	52.62	49.2%	43	70.93	-39.2%
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	0	0	-	28.57	-100.0%	19	119.06	-84.4%
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	89.52	-100.0%	51.43	-100.0%	37	134.41	-72.7%
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	5	35.71	-86.0%	0	-	15	13.54	10.6%
NORTHERN NATURAL GAS DEMAR	PE	0	5.9	-100.0%	0	-	0	16.32	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	0	-	2.29	-100.0%	1	36.57	-98.6%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	76	-100.0%	0	-	12	725.03	-98.3%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	1	0	-
NY1% VS GC SPREAD SWAP	VR	119	176	-32.4%	71.67	66.0%	103	118.83	-13.3%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	1.94	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	8	7.14	5.0%	0	-	14	9.72	39.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	2.38	-100.0%	0	-	0	0.6	-83.4%
NY HARBOR HEAT OIL SWP	MP	63	239.24	-73.8%	50.81	23.5%	99	116.35	-15.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	74.05	-100.0%	0	-	17	26.13	-34.9%
NY HARBOR RESIDUAL FUEL 1	MM	124	75.71	63.8%	37.14	234.0%	114	155.08	-26.7%
NYH NO 2 CRACK SPREAD CAL	HK	11	42.38	-75.2%	20	-47.5%	57	89.93	-36.9%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-	0	0	-

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Energy Futures									
NYISO A	KA	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	0	-
NYISO CAPACITY	LHV	0	0.57	-100.0%	0	-	2	1.26	43.0%
NYISO CAPACITY	NNC	0	3.43	-100.0%	0	-	9	7.85	17.1%
NYISO CAPACITY	NRS	0	7.14	-100.0%	6.29	-100.0%	12	9.81	17.7%
NYISO G	KG	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-	0	0	-
NYISO J	KJ	0	0	-	0	-	0	0.68	-100.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0.32	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	891.43	-100.0%	0	-	131	1,024.15	-87.3%
NYISO ZONE A 5MW D AH PK	K3	21	0	-	0	-	29	26.03	10.7%
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	-92.7%
NYISO ZONE G 5MW D AH O P	D2	467	0	-	0	-	3,147	1,763.81	78.4%
NYISO ZONE G 5MW D AH PK	T3	153	267.62	-42.8%	121.9	25.7%	242	159.87	51.2%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	903	775.68	16.4%
NYISO ZONE J 5MW D AH PK	D3	128	0	-	86.43	47.5%	117	57.27	104.1%
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	0	83.9	-100.0%	0.62	-100.0%	33	38.18	-14.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	7	5.6	27.2%
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	-	0	-	2	1.94	4.5%
ONTARIO POWER SWAPS	OPM	0	5	-100.0%	0	-	3	2.16	19.7%
PANHANDLE BASIS SWAP FUTU	PH	0	86.86	-100.0%	0	-	12	385.48	-96.8%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	0	13.78	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	13	0	-
PERMIAN BASIS SWAP	PM	0	40.76	-100.0%	0	-	6	246.34	-97.8%
PETROCHEMICALS	22	12	1.81	568.7%	6.76	78.9%	5	2.35	97.6%
PETROCHEMICALS	32	4	7.19	-44.4%	7.19	-44.4%	5	3.24	57.4%
PETROCHEMICALS	8I	24	20.71	14.7%	21.33	11.3%	28	12.92	116.4%
PETROCHEMICALS	91	20	8.67	134.8%	39.86	-48.9%	14	7.96	74.9%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0.19	-100.0%
PETROCHEMICALS	JKM	30	0	-	7.86	278.6%	5	0	-

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Energy Futures									
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0.44	-54.4%
PETROCHEMICALS	MAE	4	0.48	635.0%	4.29	-18.3%	2	1.81	25.8%
PETROCHEMICALS	MAS	2	0.95	57.5%	0	-	2	4.01	-59.7%
PETROCHEMICALS	MBE	7	80.24	-91.9%	8.57	-24.2%	49	128.43	-61.6%
PETROCHEMICALS	MNB	37	30.1	21.8%	96.24	-61.9%	80	87.22	-8.8%
PETROCHEMICALS	MPS	4	0	-	2.86	40.0%	1	0	-
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	1	4.17	-82.6%
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-	1	0.25	314.1%
PETRO CRCKS & SPRDS ASIA	STS	40	0	-	18	120.0%	10	0.91	982.6%
PETRO CRCKS & SPRDS NA	CRB	18	14.29	22.5%	16.67	5.0%	12	5.99	108.2%
PETRO CRCKS & SPRDS NA	EXR	90	112.9	-19.9%	99.52	-9.2%	115	81.09	42.0%
PETRO CRCKS & SPRDS NA	FOC	34	37.62	-10.3%	7.14	372.5%	31	47.4	-33.8%
PETRO CRCKS & SPRDS NA	GBB	33	100.95	-67.8%	60.71	-46.5%	54	18.89	185.9%
PETRO CRCKS & SPRDS NA	GCC	0	22.62	-100.0%	0	-	5	11.81	-55.8%
PETRO CRCKS & SPRDS NA	GCI	37	86.52	-57.8%	16.67	119.0%	45	60.73	-25.7%
PETRO CRCKS & SPRDS NA	GCM	0	15.33	-100.0%	0	-	0	1.54	-84.7%
PETRO CRCKS & SPRDS NA	GCU	379	330.76	14.5%	474.1	-20.1%	292	350.44	-16.8%
PETRO CRCKS & SPRDS NA	GFC	1	0	-	0	-	2	1.5	47.0%
PETRO CRCKS & SPRDS NA	HOB	105	128.33	-18.3%	152.71	-31.3%	140	151.03	-7.6%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0.12	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-	0	4	-89.1%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-	4	1.94	130.5%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	1.79	-100.0%
PETRO CRCKS & SPRDS NA	RBB	102	632.81	-83.9%	312	-67.3%	345	510.08	-32.3%
PETRO CRCKS & SPRDS NA	RVG	390	539.05	-27.6%	757.86	-48.5%	721	435.31	65.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-	0	0.25	-76.5%
PETRO CRK&SPRD EURO	1NB	39	83.71	-53.4%	30.71	27.0%	56	77.16	-27.7%
PETRO CRK&SPRD EURO	1ND	5	0	-	0	-	2	0	-
PETRO CRK&SPRD EURO	43	6	10.57	-41.8%	6.71	-8.4%	14	9.44	52.8%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	37	114.86	-68.0%	63.1	-41.7%	81	118.55	-31.9%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-	0	0	-

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Energy Futures									
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-	1	0.38	31.5%
PETRO CRK&SPRD EURO	EPN	35	12.9	174.7%	52.33	-32.3%	26	12.62	104.3%
PETRO CRK&SPRD EURO	EVC	146	170.05	-14.3%	164.48	-11.4%	118	98	20.8%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	1.9	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-	3	4.48	-34.3%
PETRO CRK&SPRD EURO	GOC	0	0.48	-100.0%	0	-	0	0.55	-13.3%
PETRO CRK&SPRD EURO	MGB	0	0	-	3.81	-100.0%	1	0.16	276.6%
PETRO CRK&SPRD EURO	MUD	1	3.33	-82.0%	0.48	26.0%	4	5.16	-29.8%
PETRO CRK&SPRD EURO	NBB	0	1.1	-77.2%	0	-	1	0.88	-36.9%
PETRO CRK&SPRD EURO	NOB	47	43.71	8.3%	53.57	-11.6%	51	27.09	89.7%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-	1	0.65	8.3%
PETROLEUM PRODUCTS	D46	0	0	-	0	-	0	0.12	-100.0%
PETROLEUM PRODUCTS	EWB	0	0.71	-100.0%	0	-	0	0.06	-100.0%
PETROLEUM PRODUCTS	EWG	125	159.48	-21.7%	258.33	-51.7%	130	87.31	48.5%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-	0	2.22	-85.6%
PETROLEUM PRODUCTS	MGS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0.12	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	1.43	-100.0%	0	0	-
PETROLEUM PRODUCTS	MPE	1	0	-	0	-	0	5.41	-91.3%
PETROLEUM PRODUCTS	VU	10	16	-34.7%	0	-	13	16.12	-20.4%
PETROLEUM PRODUCTS ASIA	E6M	0	1.67	-100.0%	0.95	-100.0%	1	1.99	-51.6%
PETROLEUM PRODUCTS ASIA	MJN	72	70	2.7%	48.67	47.7%	83	64.08	29.5%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0B	0	8.81	-100.0%	2.38	-100.0%	1	6.37	-89.8%
PETRO OUTRIGHT EURO	0C	0	4.52	-100.0%	1.9	-100.0%	0	1.25	-77.8%
PETRO OUTRIGHT EURO	0D	60	172.29	-65.3%	85.9	-30.3%	105	191.74	-45.0%
PETRO OUTRIGHT EURO	0E	2	41.52	-96.0%	0.38	333.1%	16	46.75	-64.7%
PETRO OUTRIGHT EURO	0F	19	49.95	-61.6%	20.62	-6.9%	47	59.84	-22.0%
PETRO OUTRIGHT EURO	1T	0	0	-	0	-	0	0.08	411.8%
PETRO OUTRIGHT EURO	33	0	0.29	-100.0%	0	-	0	1.42	-77.5%
PETRO OUTRIGHT EURO	5L	0	11.33	-100.0%	0	-	3	9.51	-70.3%
PETRO OUTRIGHT EURO	63	4	11.19	-63.4%	0.48	761.0%	3	7.3	-53.1%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	3	25.67	-90.3%	0	-	5	8.14	-40.9%
PETRO OUTRIGHT EURO	7R	8	16.76	-54.7%	6.9	10.1%	11	14.41	-26.6%

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Energy Futures									
PETRO OUTRIGHT EURO	88	0	0.24	-100.0%	0.71	-100.0%	0	0.24	25.5%
PETRO OUTRIGHT EURO	CBB	0	0	-	0.48	-100.0%	0	0.12	74.1%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.02	737.0%
PETRO OUTRIGHT EURO	CPB	34	2.86	1088.3%	0.24	14158.7%	14	5.88	139.3%
PETRO OUTRIGHT EURO	EFF	1	3	-78.3%	0	-	1	2.37	-45.7%
PETRO OUTRIGHT EURO	EFM	0	7.14	-100.0%	0	-	2	3.27	-44.7%
PETRO OUTRIGHT EURO	ENS	12	0	-	0	-	2	4.65	-64.0%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	39	11.95	229.6%	18.33	114.9%	33	9.21	258.1%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-	0	0.16	-49.8%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-	2	0.33	557.4%
PETRO OUTRIGHT EURO	MBN	30	18.57	61.5%	28.33	5.9%	47	66.1	-29.6%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-	0	1.35	-88.2%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-	1	5.27	-87.6%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	1	1.94	-23.2%
PETRO OUTRIGHT EURO	V0	0	7.14	-100.0%	0	-	1	1.55	-61.4%
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	0	24.29	-100.0%	0	-	7	12.59	-41.9%
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0.03	528.4%
PETRO OUTRIGHT NA	GBA	0	0	-	0	-	0	0.03	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	-	0	-	0	0.05	-100.0%
PETRO OUTRIGHT NA	JE	0	0	-	0	-	2	1.74	-3.9%
PETRO OUTRIGHT NA	JET	36	378.62	-90.5%	129.81	-72.3%	179	253.41	-29.6%
PETRO OUTRIGHT NA	JTB	6	0	-	17.86	-65.0%	16	0	-
PETRO OUTRIGHT NA	MBL	0	0	-	0	-	1	1.29	-17.8%
PETRO OUTRIGHT NA	MEN	5	30.86	-83.0%	28.14	-81.3%	27	30.14	-12.1%
PETRO OUTRIGHT NA	MEO	156	368.57	-57.6%	131.1	19.1%	377	478.22	-21.1%
PETRO OUTRIGHT NA	MFD	2	1.67	32.0%	0	-	1	4.47	-78.0%
PETRO OUTRIGHT NA	MMF	1	5.71	-79.0%	0	-	2	7.92	-73.1%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	2	0.89	178.9%
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	12,433.52	-100.0%	708.57	-100.0%	1,149	6,076.04	-81.1%
PJM AD HUB 5MW REAL TIME	Z9	0	81.19	-100.0%	0	-	91	421.66	-78.4%
PJM AECO DA OFF-PEAK	X1	0	0	-	0	-	0	0	-
PJM AECO DA PEAK	Y1	0	0	-	0	-	0	0	-

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Energy Futures									
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	-	186	133.71	39.4%
PJM ATSI ELEC	MPD	0	0	-	0	-	10	7.12	42.6%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	92.86	-100.0%
PJM BGE DA PEAK	E3	0	0	-	0	-	0	5.06	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-	340	1,021.75	-66.7%
PJM COMED 5MW D AH PK	D8	0	0	-	0	-	19	58.13	-68.0%
PJM DAILY	JD	0	0	-	0	-	0	5.16	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	845	218.25	287.0%
PJM DAYTON DA PEAK	D7	0	0	-	0	-	21	92.95	-77.5%
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	0	920.71	-100.0%	9.52	-100.0%	316	375.59	-15.9%
PJM NI HUB 5MW REAL TIME	B6	0	34,236.67	-100.0%	910.48	-100.0%	6,851	10,443.92	-34.4%
PJM NILL DA OFF-PEAK	L3	0	5,336.19	-100.0%	92.57	-100.0%	2,748	4,709.33	-41.6%
PJM NILL DA PEAK	N3	0	53.71	-100.0%	7.62	-100.0%	157	192.89	-18.4%
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	0	-	0	-	0	650	-100.0%
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	20.24	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	14,480.95	-100.0%	0	-	216	4,480.6	-95.2%
PJM WESTHDA PEAK	J4	0	793.33	-100.0%	0	-	34	247.35	-86.1%
PJM WESTH RT OFF-PEAK	N9	1,168	26,348.1	-95.6%	1,291.43	-9.6%	8,800	26,739.88	-67.1%
PJM WESTH RT PEAK	L1	736	1,951.19	-62.3%	219.05	236.1%	890	2,607.9	-65.9%
PLASTICS	PGP	14	11.9	17.6%	12.86	8.9%	25	20.35	22.6%
PREMIUM UNLD 10P FOB MED	3G	3	4.67	-46.4%	9.19	-72.8%	4	11.46	-68.2%
PREMIUM UNLEAD 10PPM FOB	8G	0	1.1	-100.0%	0.48	-100.0%	1	1.52	-57.4%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.03	0.4%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-	0	1.09	-86.4%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	16	7.14	127.5%	0	-	21	23.8	-12.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	427	571.62	-25.4%	467.86	-8.8%	347	550.42	-37.0%
RBOB CALENDAR SWAP	RL	194	353.48	-45.1%	377.33	-48.6%	334	320.24	4.3%

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Energy Futures									
RBOB CRACK SPREAD	RM	28	165.67	-83.2%	30.95	-10.3%	45	74.62	-39.3%
RBOB CRACK SPREAD BALMO S	1E	0	2.86	-100.0%	0	-	0	1.63	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	94	123	-23.6%	38.81	142.2%	49	43.97	11.0%
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	208.33	-84.4%	9.52	241.3%	71	86.92	-18.8%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	0	4.15	-100.0%
SAN JUAN BASIS SWAP	NJ	0	8.86	-100.0%	0	-	9	302.16	-97.0%
SINGAPORE 180CST BALMO	BS	5	1.67	170.0%	5.24	-14.1%	3	2.34	31.4%
SINGAPORE 380CST BALMO	BT	8	8.29	-0.4%	17.76	-53.6%	11	7.67	39.9%
SINGAPORE 380CST FUEL OIL	SE	535	586.86	-8.8%	395.14	35.4%	464	401.08	15.8%
SINGAPORE FUEL 180CST CAL	UA	37	71.71	-48.9%	40.43	-9.3%	48	56.38	-14.4%
SINGAPORE FUEL OIL SPREAD	SD	5	19	-75.0%	6.9	-31.2%	28	30.5	-8.1%
SINGAPORE GASOIL	MTB	2	18.52	-89.5%	1.43	36.5%	6	12.37	-49.8%
SINGAPORE GASOIL	MTS	250	176.67	41.4%	208.67	19.7%	229	182.73	25.5%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.4	-100.0%
SINGAPORE GASOIL	STZ	16	0	-	0	-	4	0.71	526.4%
SINGAPORE GASOIL CALENDAR	GHS	3	0	-	0	-	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	7	0	-	0	-	1	0	-
SINGAPORE GASOIL CALENDAR	MSG	7	3.71	88.5%	23.48	-70.2%	13	2.58	407.9%
SINGAPORE GASOIL CALENDAR	SGG	8	0	-	0	-	1	0	-
SINGAPORE GASOIL SWAP	SG	83	586.9	-85.9%	55.38	49.3%	361	324.15	11.5%
SINGAPORE GASOIL VS ICE	GA	31	384.05	-92.0%	1.9	1522.2%	282	178.19	58.3%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	2	0.62	245.0%
SINGAPORE JET KERO GASOIL	RK	21	224.76	-90.5%	10.71	98.3%	75	57.48	29.9%
SINGAPORE JET KEROSENE SW	KS	0	36.71	-100.0%	16.67	-100.0%	52	33.12	56.1%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0.2	0.4%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	14	17.86	-21.6%	12.62	10.9%	8	23.62	-65.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	188	586.67	-68.0%	440.43	-57.3%	342	477.25	-28.4%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.08	-100.0%
SING FUEL	MSD	0	0.24	-100.0%	2.38	-100.0%	0	0.28	72.1%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	23.27	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	8.86	-100.0%	0	-	0	2.2	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	2.43	-100.0%

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Energy Futures									
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	9.1	-100.0%
Sumas Basis Swap	NK	0	0	-	0	-	25	71.66	-65.3%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	1	0	-
TC2 ROTTERDAM TO USAC 37K	TM	7	0	-	3.81	83.8%	1	0	-
TC5 RAS TANURA TO YOKOHAM	TH	4	0	-	0	-	0	0.06	402.2%
TCO BASIS SWAP	TC	0	31.81	-100.0%	31.76	-100.0%	36	136.29	-73.8%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0.95	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	18	0	-	0	-	2	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	0	5.1	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	2	6.47	-73.6%
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	6.06	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	23.05	-100.0%	2	12.02	-84.0%
TETCO M-3 INDEX	IX	0	122.29	-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	50.14	-100.0%	43.24	-100.0%	38	334.21	-88.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0.98	-100.0%
Transco Zone 3 Basis	CZ	0	0	-	0	-	1	4.1	-70.6%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	25	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	232.57	-100.0%	0	-	53	113.58	-53.6%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-	2	5.78	-68.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	43.57	-100.0%	40.76	-100.0%	15	59.06	-74.9%
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-	3	26.75	-87.3%
UCM FUT	UCM	0	0.48	-100.0%	1.43	-100.0%	1	1.4	-16.1%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-	0	0.15	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0.18	-33.1%
ULSD 10PPM CIF MED VS ICE	Z7	0	0.86	-100.0%	0.71	-100.0%	0	0.79	-58.9%
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.14	-100.0%
ULSD UP-DOWN BALMO SWP	1L	453	455.95	-0.8%	322.43	40.3%	249	299.93	-17.0%
UP DOWN GC ULSD VS NMX HO	LT	1,746	1,736.52	0.5%	1,990.57	-12.3%	2,197	2,460	-10.7%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	0.69	-100.0%
WAHA BASIS	NW	36	0	-	0	-	27	177.18	-84.7%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-	0	34.63	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	5	-100.0%	5.71	-100.0%	10	37.07	-72.9%
WTI-BRENT BULLET SWAP	BY	13	0	-	0	-	5	1.98	131.7%
WTI-BRENT CALENDAR SWAP	BK	2,101	454.38	362.3%	1,812.19	15.9%	1,002	544.67	83.9%

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Energy Futures									
WTI CALENDAR	CS	2,107	2,530.62	-16.7%	1,764.52	19.4%	1,785	1,539.41	16.0%
WTS (ARGUS) VS WTI SWAP	FF	676	647.29	4.4%	286.76	135.7%	290	221.04	31.1%
WTS (ARGUS) VS WTI TRD MT	FH	0	7.71	-100.0%	77.43	-100.0%	40	49.09	-19.4%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	9.52	-100.0%	3	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	0	81.14	-100.0%	0	-	21	60.46	-64.8%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-	8	0	-
BRENT OIL LAST DAY	BE	50	0	-	81.38	-38.6%	153	174.17	-12.4%
BRENT OIL LAST DAY	BZO	3,724	1,206.71	208.6%	3,259.05	14.3%	2,154	1,029.52	109.3%
BRENT OIL LAST DAY	OS	1	0	-	2.29	-56.2%	16	48.55	-67.9%
COAL API2 INDEX	CLA	1	17.86	-93.0%	15.48	-91.9%	41	215.79	-81.1%
COAL API2 INDEX	CQA	3	102.38	-97.6%	0.95	162.5%	3	412.24	-99.2%
COAL API2 INDEX	MTC	0	1.19	-100.0%	0	-	0	0.69	-71.3%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.4	-100.0%
COAL API4 INDEX	RQA	0	0	-	1.43	-100.0%	0	6.11	-98.0%
COAL SWAP	CPF	0	0	-	0	-	1	2.32	-69.1%
COAL SWAP	RPF	0	0	-	0	-	2	4.31	-44.1%
CRUDE OIL 1MO	WA	5,206	10,842.29	-52.0%	10,435.24	-50.1%	8,304	11,928.47	-30.4%
CRUDE OIL APO	AO	4,745	4,023.9	17.9%	3,112.62	52.4%	2,550	1,624.1	57.0%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	9.09	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	47	0	-
CRUDE OIL PHY	CD	9	33.33	-73.8%	101.9	-91.4%	125	152.48	-17.9%
CRUDE OIL PHY	LC	469	1,560.81	-69.9%	753.1	-37.7%	1,028	1,366.94	-24.8%
CRUDE OIL PHY	LO	116,793	187,103.95	-37.6%	191,565.05	-39.0%	170,920	182,063.46	-6.1%
CRUDE OIL PHY	LO1	224	273.57	-18.1%	781	-71.3%	654	328.55	99.2%
CRUDE OIL PHY	LO2	417	200.9	107.6%	1,247.57	-66.6%	631	193.51	226.1%
CRUDE OIL PHY	LO3	388	166.19	133.5%	633.67	-38.8%	414	140.5	194.4%
CRUDE OIL PHY	LO4	591	290.71	103.2%	822.9	-28.2%	762	224.04	240.3%
CRUDE OIL PHY	LO5	403	167.19	141.0%	0	-	245	113.67	115.7%
ELEC FINSETTLED	PML	0	0	-	0	-	0	1.05	-100.0%
ELEC MISO PEAK	9T	0	0	-	0	-	3	13.57	-75.9%

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Energy Options									
ETHANOL	CE1	0	4.76	-100.0%	0	-	0	0.5	-39.8%
ETHANOL	CE3	0	14.29	-100.0%	0	-	1	1.29	0.4%
ETHANOL SWAP	CVR	301	583.38	-48.4%	486.57	-38.1%	292	339.93	-14.1%
ETHANOL SWAP	GVR	26	0	-	3.71	586.5%	9	14.56	-40.7%
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 CRACK OPTIONS	CH	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	1.19	-100.0%
HEATING OIL PHY	LB	4	37.81	-88.8%	0	-	11	19	-41.0%
HEATING OIL PHY	OH	1,913	1,693.57	12.9%	1,632.76	17.1%	1,574	2,406.8	-34.6%
HENRY HUB FINANCIAL LAST	E7	320	255.76	25.0%	129.62	146.6%	190	114.69	66.0%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	7	23.41	-71.1%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	0	-	85.71	-100.0%	27	46.55	-40.9%
LLS CRUDE OIL	YVO	0	0	-	0	-	15	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	7.14	-100.0%	6	37.72	-83.1%
MCCLOSKEY RCH BAY COAL	MFO	14	0	-	0	-	1	9.86	-88.9%
NATURAL GAS	G10	0	0	-	0	-	2	1.98	-9.6%
NATURAL GAS 1 M CSO FIN	G4	2,801	2,601.19	7.7%	2,036.43	37.5%	1,940	669.48	189.8%
NATURAL GAS 2 M CSO FIN	G2	170	21.43	693.3%	95.24	78.5%	60	17.88	233.2%
NATURAL GAS 3 M CSO FIN	G3	670	30.95	2064.6%	1,238.1	-45.9%	637	905.48	-29.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	16	4.76	238.8%
NATURAL GAS 6 M CSO FIN	G6	653	98.81	560.4%	314.29	107.6%	280	44.74	526.2%
NATURAL GAS OPTION ON CALENDAR STR	6J	100	112.38	-11.0%	138.1	-27.6%	58	111.38	-47.5%
NATURAL GAS PHY	KD	3,084	1,282.14	140.5%	2,513.67	22.7%	2,062	1,491.62	38.2%
NATURAL GAS PHY	LN	169,093	94,605.52	78.7%	131,364.62	28.7%	112,763	93,333.51	20.8%
NATURAL GAS PHY	ON	18,115	15,734.05	15.1%	12,521.1	44.7%	10,306	13,668.5	-24.6%
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	0	0	-	0	-	16	25.95	-38.1%
NY HARBOR HEAT OIL SWP	AT	76	336	-77.5%	136.81	-44.7%	147	269.04	-45.4%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-	79	44.29	78.4%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0.12	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	34	0	-

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Energy Options									
PETROCHEMICALS	4H	10	12.38	-21.3%	30.62	-68.2%	34	45.58	-24.6%
PETROCHEMICALS	4J	8	21.43	-65.0%	0	-	12	26.81	-54.0%
PETROCHEMICALS	4K	0	0	-	0	-	5	6.19	-22.8%
PETROCHEMICALS	CPR	0	0	-	0	-	0	2.06	-96.5%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	1	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	3.43	-100.0%	0	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	7	6.19	13.1%	0	-	16	4.84	237.4%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	40.87	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	22	0	-	37.52	-41.4%	57	47.36	19.9%
RBOB 1MO CAL SPD OPTIONS	ZA	3	0	-	57.14	-95.6%	27	47.02	-42.7%
RBOB CALENDAR SWAP	RA	0	7.57	-100.0%	2.38	-100.0%	11	26.76	-57.3%
RBOB PHY	OB	527	500.05	5.4%	650.71	-19.0%	1,169	1,549.92	-24.6%
RBOB PHY	RF	0	0	-	8.33	-100.0%	5	0.24	2133.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	5.71	-100.0%	0	-	0	2.54	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	13	36.14	-64.3%
SHORT TERM	U11	80	0	-	0	-	30	12.72	137.3%
SHORT TERM	U12	7	34.29	-80.2%	0	-	19	17.66	6.9%
SHORT TERM	U13	58	4.76	1118.0%	66.76	-13.1%	20	17.31	17.8%
SHORT TERM	U14	18	0	-	13.1	33.6%	16	20.73	-23.5%
SHORT TERM	U15	10	15.71	-39.5%	23.81	-60.1%	22	14.9	44.8%
SHORT TERM	U22	27	19.05	43.1%	4.76	472.3%	14	16.69	-15.8%
SHORT TERM	U23	0	4.76	-100.0%	0	-	7	9.05	-26.4%
SHORT TERM	U24	0	0	-	0.24	-100.0%	13	8.25	55.7%
SHORT TERM	U25	0	0	-	0	-	4	2	86.9%
SHORT TERM	U26	0	0	-	0	-	1	6.27	-81.4%
SHORT TERM NATURAL GAS	U01	0	0	-	19.1	-100.0%	15	19.94	-25.8%
SHORT TERM NATURAL GAS	U02	15	28.57	-47.5%	22.62	-33.7%	17	19.05	-10.9%
SHORT TERM NATURAL GAS	U03	0	4.76	-100.0%	2.52	-100.0%	9	12.58	-28.0%
SHORT TERM NATURAL GAS	U04	72	0	-	0	-	10	19.84	-47.5%
SHORT TERM NATURAL GAS	U05	53	39.29	35.9%	0	-	45	14.09	217.0%
SHORT TERM NATURAL GAS	U06	24	0	-	29.76	-19.7%	36	11.53	216.2%
SHORT TERM NATURAL GAS	U07	9	14.29	-38.7%	10.24	-14.5%	15	20.24	-27.7%
SHORT TERM NATURAL GAS	U08	20	9.52	112.6%	36.29	-44.2%	22	13.98	60.7%
SHORT TERM NATURAL GAS	U09	0	8.33	-100.0%	20.62	-100.0%	21	22.29	-6.8%
SHORT TERM NATURAL GAS	U10	0	0	-	17.95	-100.0%	24	18.23	31.7%

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Energy Options									
SHORT TERM NATURAL GAS	U16	0	15	-100.0%	26.9	-100.0%	28	16.57	68.6%
SHORT TERM NATURAL GAS	U17	0	0	-	45.62	-100.0%	21	5.58	267.8%
SHORT TERM NATURAL GAS	U18	43	0	-	0	-	10	12.12	-15.7%
SHORT TERM NATURAL GAS	U19	39	15	161.7%	0	-	21	7.32	190.9%
SHORT TERM NATURAL GAS	U20	16	11.9	36.5%	22.71	-28.5%	17	6.67	158.8%
SHORT TERM NATURAL GAS	U21	22	21.43	0.3%	23.24	-7.5%	15	9.23	57.3%
SHORT TERM NATURAL GAS	U27	8	0	-	0	-	8	4.17	93.2%
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	13	15.58	-16.7%
SHORT TERM NATURAL GAS	U29	8	14.29	-47.5%	15.29	-50.9%	4	13.79	-73.8%
SHORT TERM NATURAL GAS	U30	0	19.05	-100.0%	46.19	-100.0%	19	8.33	126.9%
SHORT TERM NATURAL GAS	U31	0	0	-	0	-	25	4.46	457.8%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	22.86	-100.0%	0	-	0	5.71	-100.0%
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	44.44	-100.0%
WTI-BRENT BULLET SWAP	BV	2,949	4,744.05	-37.8%	3,336.86	-11.6%	2,249	1,109.82	102.7%
WTI CRUDE OIL 1 M CSO FI	7A	3,522	8,247.62	-57.3%	6,157.14	-42.8%	3,073	7,348.08	-58.2%
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	0	0.62	-59.6%	0.05	425.2%	0	10.35	-96.5%
COFFEE	KT	0	0	-	0.05	-100.0%	0	0.67	-75.6%
COTTON	TT	0	0.05	5.0%	0.14	-65.0%	0	2.29	-96.5%
SUGAR 11	YO	0	0	-	0	-	0	1.66	-89.9%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		0	0.67	-55.0%	0.24	26.0%	1	14.97	-94.8%
Energy Futures		2,041,546	2,236,584.67	-8.7%	2,313,644.19	-11.8%	2,250,739	2,106,317.12	6.9%
Metals Futures		484,723	319,344.57	51.8%	706,775.1	-31.4%	521,143	414,303.54	25.8%
TOTAL FUTURES		2,526,269	2,555,929.91	-1.2%	3,020,419.52	-16.4%	2,771,882.99	2,520,635.63	10.0%

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TOTAL OPTIONS GROUP								
Energy Options	337,935	337,332.05	0.2%	376,258.86	-10.2%	325,835	324,469.44	0.4%
Metals Options	45,988	39,679.76	15.9%	42,548.05	8.1%	46,934	45,873.09	2.3%
TOTAL OPTIONS	383,923	377,011.81	1.8%	418,806.91	-8.3%	372,768.34	370,342.53	0.7%
TOTAL COMBINED								
Metals	530,711	359,024.33	47.8%	749,323.14	-29.2%	568,077	460,176.63	23.4%
Energy	2,379,481	2,573,916.71	-7.6%	2,689,903.05	-11.5%	2,576,574	2,430,786.56	6.0%
Commodities and Alternative Investments	0	0.67	-55.0%	0.24	26.0%	1	14.97	-94.8%
GRAND TOTAL	2,910,192	2,932,941.71	-0.8%	3,439,226.43	-15.4%	3,144,651.33	2,890,978.16	8.8%