

## NYMEX/COMEX Exchange ADV Report - Monthly

May 2017

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Commodity		ADV MAY 2017	ADV MAY 2016	% CHG	ADV APR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	289,426	280,005.57	3.4%	242,746.32	19.2%	266,701	232,760.44	14.6%
NYMEX HOT ROLLED STEEL	HR	327	109.67	197.9%	62.21	425.2%	191	245.89	-22.5%
NYMEX PLATINUM	PL	16,103	11,898.14	35.3%	14,767.11	9.0%	17,310	14,162.88	22.2%
PALLADIUM	PA	8,709	6,789.76	28.3%	5,150.58	69.1%	6,227	5,579.39	11.6%
URANIUM	UX	42	50.19	-17.1%	10.53	295.1%	33	59.16	-44.1%
COMEX SILVER	SI	86,569	56,361.48	53.6%	111,625.42	-22.4%	84,900	68,201.65	24.5%
COMEX E-Mini GOLD	QO	347	548.9	-36.8%	387.89	-10.5%	447	513.48	-13.0%
COMEX E-Mini SILVER	QI	50	58.52	-15.2%	37.89	31.0%	44	46.68	-6.4%
COMEX COPPER	HG	84,881	72,521	17.0%	119,304.47	-28.9%	97,113	79,922.53	21.5%
COMEX MINY COPPER	QC	23	18.67	21.5%	41.58	-45.4%	40	31.28	27.7%
Aluminium MW Trans Prem Platts	AUP	285	196.76	45.1%	260.68	9.5%	398	287.45	38.5%
ALUMINUM	A38	0	0	-	0	-	0	0	-
ALUMINUM	AEP	10	18.1	-42.2%	73.95	-85.9%	152	52.03	192.8%
ALUMINUM	ALA	2	0	-	0	-	1	0	-
ALUMINUM	ALI	12	24.81	-52.4%	11.58	2.1%	47	28.09	65.6%
ALUMINUM	EDP	83	32.57	154.0%	19.74	319.2%	27	8.97	202.7%
ALUMINUM	MJP	4	41.52	-90.1%	0	-	46	30.8	49.7%
COPPER	HGS	0	1.9	-100.0%	16.16	-100.0%	9	20.94	-57.2%
E-MICRO GOLD	MGC	4,189	4,943.24	-15.3%	4,471.79	-6.3%	4,246	4,409.64	-3.7%
FERROUS PRODUCTS	BUS	4	1.43	186.4%	1.58	159.1%	3	4.08	-27.4%
GOLD	GPS	0	0	-	0	-	0	0	-
Gold Kilo	GCK	13	176.76	-92.5%	12.11	8.9%	19	272.12	-93.1%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	10	60.95	-83.6%	0	-	15	23.98	-38.8%
IRON ORE 62 CHINA TSI FUTURES	TIO	736	566.67	29.9%	597.32	23.2%	585	988.33	-40.8%
LNDN ZINC	ZNC	1	1.71	-60.2%	0.79	-13.6%	0	1.12	-56.5%
METALS	LED	0	0	-	0	-	0	0	-
SILVER	SIL	263	331.48	-20.7%	244.37	7.5%	247	364.67	-32.2%
<b>Metals Options</b>									
COMEX COPPER	HX	197	155	27.3%	209.95	-6.0%	197	107.57	83.0%
COMEX GOLD	OG	39,432	38,938	1.3%	41,262.74	-4.4%	38,852	41,797.92	-7.0%
COMEX SILVER	SO	6,954	4,826.1	44.1%	5,988.63	16.1%	5,550	5,506.02	0.8%
GOLD	OG1	187	50	274.9%	122.68	52.8%	133	48.54	174.6%
GOLD	OG2	173	46.05	275.9%	148.11	16.9%	132	51.38	157.9%

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GOLD	OG3	273	67.38	305.8%	200.68	36.3%	188	45.27	315.4%
GOLD	OG4	58	27.24	111.4%	105.11	-45.2%	59	27.13	115.8%
GOLD	OG5	0	0	-	0	-	25	17.57	44.1%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	6	26.19	-75.7%	171.05	-96.3%	77	306.61	-74.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	68	137.81	-50.5%	24.21	181.6%	138	156.54	-12.0%
NYMEX PLATINUM	PO	138	268.48	-48.6%	136.58	1.0%	130	232.78	-44.2%
PALLADIUM	PAO	265	80.95	227.9%	247.47	7.3%	189	138.44	36.3%
SILVER	SO1	11	0	-	5.84	87.5%	5	0.12	3766.9%
SILVER	SO2	0	0	-	0	-	1	0.01	13913.4%
SILVER	SO3	17	0	-	0	-	5	0.05	11150.1%
SILVER	SO4	2	0	-	0.37	529.3%	1	0.09	945.5%
SILVER	SO5	0	0	-	0	-	0	0.06	-100.0%

### Energy Futures

CRUDE OIL PHY	CL	1,251,216	1,023,524.62	22.2%	1,117,125.89	12.0%	1,146,861	1,120,185.52	2.4%
CRUDE OIL	WS	243	40.57	500.1%	0	-	323	701.19	-53.9%
MINY WTI CRUDE OIL	QM	15,348	14,942.1	2.7%	10,002.37	53.4%	12,165	15,265.82	-20.3%
BRENT OIL LAST DAY	BZ	108,427	84,680.81	28.0%	96,829.42	12.0%	98,835	105,499.43	-6.3%
HEATING OIL PHY	HO	175,789	164,390	6.9%	162,723.05	8.0%	166,134	156,726.96	6.0%
HTG OIL	BH	2	1.71	-4.5%	2.53	-35.2%	1	50.5	-98.4%
MINY HTG OIL	QH	0	0.33	-72.7%	0.05	72.8%	0	0.39	-67.5%
RBOB PHY	RB	197,432	184,482.33	7.0%	195,875.21	0.8%	200,268	178,140.01	12.4%
MINY RBOB GAS	QU	0	0.14	27.2%	0.16	15.1%	0	0.19	20.0%
NATURAL GAS	HP	7,887	5,045.05	56.3%	6,724.74	17.3%	7,518	5,205.19	44.4%
LTD NAT GAS	HH	13,763	8,487.95	62.1%	12,100.74	13.7%	14,172	11,609.71	22.1%
MINY NATURAL GAS	QG	1,001	1,082.38	-7.5%	1,088.89	-8.1%	1,430	1,202.55	18.9%
PJM MONTHLY	JM	0	93.33	-100.0%	0	-	1	26	-95.5%
NATURAL GAS PHY	NG	426,810	337,621.67	26.4%	416,378.21	2.5%	426,534	355,014.04	20.1%
RBOB GAS	RT	73	47.62	52.9%	84.11	-13.4%	80	62.05	29.2%
3.5% FUEL OIL CID MED SWA	7D	1	9.95	-88.6%	0	-	8	14.55	-41.8%
3.5% FUEL OIL CIF BALMO S	8D	0	1.43	-100.0%	2.63	-100.0%	2	1.6	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0	-

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AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	116.57	-100.0%	0	-	0	40.39	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	14.38	-100.0%	0	-	0	31.97	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	11.43	-100.0%	0	-	0	30.76	-100.0%
APPALACHIAN COAL (PHY)	QL	0	1.19	-100.0%	0	-	0	1.26	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	186	905.38	-79.4%	382.63	-51.4%	326	672.87	-51.6%
ARGUS PROPAN FAR EST INDE	7E	60	97.1	-37.9%	58.32	3.4%	66	73.87	-10.7%
ARGUS PROPAN(SAUDI ARAMCO	9N	33	58.76	-44.2%	45	-27.1%	48	47.7	0.5%
AUSTRIALIAN COKE COAL	ALW	4	53.81	-93.5%	5.11	-31.4%	10	24.67	-60.9%
BRENT BALMO SWAP	J9	0	1.9	-100.0%	5.95	-100.0%	1	7.48	-82.1%
BRENT CALENDAR SWAP	CY	34	78.52	-56.6%	53.58	-36.4%	120	115.83	3.2%
BRENT FINANCIAL FUTURES	BB	577	0	-	3.89	14722.0%	234	17.04	1270.7%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-	0	13.53	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	7.71	-100.0%	0	-	0	2.99	-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	-	77	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	194	340.24	-43.1%	15.47	1151.4%	66	104.17	-36.4%
CENTERPOINT BASIS SWAP	PW	0	81.05	-100.0%	0	-	5	87.11	-94.0%
CENTERPOINT EAST INDEX	II	0	0	-	0	-	0	0	-
CHICAGO ETHANOL SWAP	CU	6,221	4,232.67	47.0%	5,680.32	9.5%	6,161	4,391.75	40.3%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	2	0	-	5.32	-57.2%	8	12.54	-35.6%
CHICAGO UNL GAS PL VS RBO	3C	0	8.33	-100.0%	0	-	0	15.53	-100.0%
CIG BASIS	CI	0	786.43	-100.0%	0	-	2	412.2	-99.6%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	7	9.03	-22.6%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0.58	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	2,391.58	-100.0%	1,774	1,581.75	12.1%
CIN HUB 5MW D AH PK	H5	36	18.1	100.0%	233.68	-84.5%	106	110.49	-4.2%
CIN HUB 5MW REAL TIME O P	H4	2,129	4,464.76	-52.3%	4,797.89	-55.6%	2,651	6,645.28	-60.1%
CIN HUB 5MW REAL TIME PK	H3	49	151.43	-67.9%	289.47	-83.2%	205	489.48	-58.2%
COAL SWAP	ACM	7	0.71	854.5%	12.89	-47.1%	10	16.21	-36.5%
COAL SWAP	SSI	0	0.71	-100.0%	0	-	0	1.33	-100.0%

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COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	131.15	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	-	0	-	0	21.44	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	0	30.17	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	2	3.57	-58.0%	10.68	-86.0%	11	10	5.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	68	3.57	1790.0%	44.21	52.7%	46	3.44	1242.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	425	185.14	129.4%	332.47	27.7%	408	289.11	41.2%
CRUDE OIL	CHB	0	0	-	0	-	0	0	-
CRUDE OIL	LPS	219	188.95	16.1%	176.32	24.4%	185	259.49	-28.5%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	42	5	9.71	-47.1%	158.26	-96.8%	35	4.18	745.7%
CRUDE OIL OUTRIGHTS	CC5	8	0	-	0	-	3	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	7	0	-	19.74	-65.5%	10	0	-
CRUDE OIL OUTRIGHTS	DBL	9	0	-	5.26	72.7%	8	0.49	1500.1%
CRUDE OIL OUTRIGHTS	FE	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	HTT	347	39.52	778.2%	619.74	-44.0%	430	31.67	1257.5%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	1.58	-100.0%	0	0	-
CRUDE OIL OUTRIGHTS	SSW	5	0	-	5.53	-13.6%	2	0	-
CRUDE OIL OUTRIGHTS	WCC	7	278.38	-97.6%	138.16	-95.1%	230	297.42	-22.6%
CRUDE OIL OUTRIGHTS	WCW	277	0	-	196.05	41.2%	96	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	0	0	-	0	-	0	3.16	-100.0%
CRUDE OIL SPRDS	WTT	87	18.57	368.7%	462.32	-81.2%	262	47.93	446.3%
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	129.52	-100.0%	0	-	0	26.41	-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	-
DATED TO FRONTLINE BRENT	FY	59	59.52	-0.7%	17.63	235.1%	53	78.74	-32.9%
DEMARCO INDEX FUTURE	DI	0	8.57	-100.0%	0	-	0	1.75	-100.0%
DEMARCO SWING SWAP	DT	0	0	-	0	-	0	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0.48	-100.0%	0	-	0	0.1	-100.0%
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	IH	0	139.05	-100.0%	0	-	0	135.58	-100.0%
DOMINION TRANSMISSION INC	PG	126	993.24	-87.3%	166.89	-24.6%	405	971.84	-58.3%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	1,031	45.43	2169.8%	210.53	389.8%	504	49.03	927.5%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-	15	0	-
EASTERN RAIL DELIVERY CSX	QX	27	58.57	-54.2%	10.53	154.8%	37	50.75	-27.2%
EAST/WEST FUEL OIL SPREAD	EW	2	0.95	114.8%	12.84	-84.1%	12	0.54	2016.0%
EIA FLAT TAX ONHWAY DIESE	A5	64	31.38	103.8%	26.37	142.5%	45	62.34	-28.5%
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	12.33	-100.0%
ELEC FINSETTLED	49	0	0	-	0	-	0	0	-
ELEC MISO PEAK	4L	0	0	-	0	-	0	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	227.96	-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	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-	15	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-	0	3.61	-100.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	19	0	-	0	-	4	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	669	0	-	0	-	143	41.55	243.9%
ERCOT NORTH ZMCPE 5MW PEAK	I5	19	0	-	0	-	12	2.28	431.9%

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ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	122	142.24	-14.3%	187.11	-34.8%	170	112.49	51.4%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0.26	38.1%	0	2.04	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	29	11.38	152.8%	18.68	54.0%	28	16.28	73.8%
EURO 3.5% FUEL OIL SPREAD	FK	19	25	-25.1%	11.58	61.7%	22	29.2	-24.3%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	23.16	-100.0%	13	0.68	1814.3%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-	0	0.03	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0.24	-100.0%	0	-	2	2.91	-34.0%
EUROPE 1% FUEL OIL NWE CA	UF	5	3.48	41.2%	7.63	-35.7%	6	7.35	-13.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0.32	43.9%	0	1.11	-77.2%
EUROPE 3.5% FUEL OIL MED	UI	3	14.38	-79.5%	3.16	-6.4%	11	20.23	-44.4%
EUROPE 3.5% FUEL OIL RDAM	UV	376	288.48	30.4%	330.05	14.0%	457	315.12	45.0%
EUROPEAN GASOIL (ICE)	7F	191	4,653.43	-95.9%	110.26	72.9%	148	13,260.02	-98.9%
EUROPEAN NAPHTHA BALMO	KZ	14	4.33	215.7%	20.47	-33.2%	18	7.08	151.7%
EUROPEAN NAPHTHA CRACK SPR	EN	422	287.57	46.7%	274.95	53.4%	371	196.4	89.0%
EUROPE DATED BRENT SWAP	UB	0	115.71	-100.0%	0	-	4	138.43	-97.1%
EUROPE JET KERO NWE CALSW	UJ	1	0	-	0.63	-13.6%	1	0.37	57.9%
EUROPE NAPHTHA CALSWAP	UN	125	51.71	142.5%	137.63	-8.9%	133	55.43	139.7%
EURO PROPANE CIF ARA SWA	PS	47	60.86	-22.2%	47.68	-0.8%	57	52.82	8.0%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-	0	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	4.29	-100.0%	0	-	0	8.02	-100.0%
FREIGHT MARKETS	FLP	2	14.76	-87.4%	3.16	-41.0%	4	11.23	-66.6%
FUEL OIL CRACK VS ICE	FO	267	163.9	62.8%	146.37	82.3%	204	197.13	3.5%
FUEL OIL NWE CRACK VS ICE	FI	0	1.52	-100.0%	0	-	0	0.31	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-	0	1.56	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-	0	0.52	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	16	15.29	1.7%	8.79	76.9%	14	24.5	-41.5%
GAS EURO-BOB OXY NWE BARGES	7H	314	374.81	-16.3%	408.74	-23.2%	372	379.48	-2.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	880	525.48	67.5%	865.21	1.7%	990	718.54	37.7%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-	0	0.06	-100.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0.71	-100.0%	0	-	0	0.73	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0.78	-37.5%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-	0	0.05	300.4%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-	0	0.05	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0.29	-100.0%	6.32	-100.0%	1	0.53	118.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0.26	-13.6%	0	0	-

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<b>Energy Futures</b>									
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0.1	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-	0	0.03	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	3.81	-100.0%	0.26	-100.0%	4	1.3	243.3%
GASOIL BULLET SWAP	BG	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	GX	9	1.52	520.5%	0.79	1097.5%	2	2.25	3.9%
GASOIL CRACK SPREAD CALEN	GZ	245	615.38	-60.1%	451.84	-45.7%	370	197.97	86.7%
GASOIL MINI CALENDAR SWAP	QA	11	17.48	-34.5%	4.11	179.0%	9	13.24	-33.5%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-	0	7.86	-100.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	83	85.71	-3.8%	269	-69.3%	129	104.71	23.5%
GRP THREE UNL GS (PLT) VS	A8	27	41.67	-34.5%	42.89	-36.4%	31	54.51	-43.8%
GULF COAST 3% FUEL OIL BA	VZ	55	41.14	33.5%	65.58	-16.3%	58	47.72	20.9%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-	0	12.62	-100.0%
GULF COAST JET FUEL CLNDR	GE	4	2.67	53.4%	10.95	-62.6%	5	5.72	-7.3%
GULF COAST JET VS NYM 2 H	ME	2,307	1,544.1	49.4%	1,394	65.5%	2,199	1,563	40.7%
GULF COAST NO.6 FUEL OIL	MF	2,094	2,564.05	-18.3%	2,795.05	-25.1%	2,847	2,925.63	-2.7%
GULF COAST NO.6 FUEL OIL	MG	22	4.76	367.7%	81.84	-72.8%	72	43.09	68.1%
GULF COAST ULSD CALENDAR	LY	48	29.71	61.7%	28.58	68.1%	26	43.82	-41.7%
GULF COAST ULSD CRACK SPR	GY	25	35.86	-31.5%	0	-	15	40.78	-63.3%
HEATING OIL BALMO CLNDR S	1G	10	3.57	167.3%	10.26	-7.0%	6	2.86	96.6%
HEATING OIL CRCK SPRD BAL	1H	0	0.95	-100.0%	0	-	0	0.19	-100.0%
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	496	718.9	-31.0%	538.47	-7.8%	449	1,293.26	-65.3%
HENRY HUB INDEX SWAP FUTU	IN	496	718.9	-31.0%	538.47	-7.8%	434	1,223.58	-64.6%
HENRY HUB SWAP	NN	9,021	15,709.38	-42.6%	8,898.58	1.4%	8,026	23,863.75	-66.4%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-	0	2.82	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	50	345.19	-85.6%	51	-2.4%	20	195.12	-89.7%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-	0	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	1,048	0	-	929.47	12.7%	632	0.1	651245.3%
IN DELIVERY MONTH EUA	6T	0	401.19	-100.0%	150	-100.0%	28	220.88	-87.5%
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	5.33	-100.0%	0	-	0	1.09	-100.0%
INDIANA MISO	PDM	0	0	-	0	-	0	0	-



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INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDIANA MISO	PTM	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0.48	-100.0%	0	-	0	0.68	-92.9%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-	0	0.19	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	24	0	-	21.21	14.7%	23	20.79	9.3%
JAPAN C&F NAPHTHA SWAP	JA	80	56.38	42.5%	160.68	-50.0%	85	56.91	48.5%
JAPAN NAPHTHA BALMO SWAP	E6	17	0.14	12050.9%	34.32	-49.4%	11	2.82	300.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	1.71	-100.0%	0	-	0	0.78	-100.0%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-	0	0.21	-100.0%
JET CIF NWE VS ICE	JC	6	6.48	-0.3%	4.74	36.3%	5	4.23	19.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0.02	150.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-	0	0.29	-33.3%
JET FUEL UP-DOWN BALMO CL	1M	383	155.19	146.6%	340.95	12.3%	374	185.17	101.8%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	KL	16	48.1	-66.0%	7.89	107.3%	10	40.41	-74.9%
LA CARBOB GASOLINE(OPIS)S	JL	19	16.67	15.9%	2.63	634.1%	11	42.23	-74.1%
LA JET FUEL VS NYM NO 2 H	MQ	0	3.1	-100.0%	0	-	0	7.28	-96.7%
LA JET (OPIS) SWAP	JS	80	75.48	5.4%	34.21	132.5%	85	84.92	-0.4%
LLS (ARGUS) VS WTI SWAP	WJ	42	737.19	-94.3%	299.47	-86.0%	215	395.87	-45.8%
MARS (ARGUS) VS WTI SWAP	YX	71	229.52	-69.1%	159.47	-55.5%	153	295.27	-48.3%
MARS (ARGUS) VS WTI TRD M	YV	534	420.95	27.0%	827.63	-35.4%	1,046	435.07	140.5%
MARS BLEND CRUDE OIL	MB	39	111.67	-65.4%	241.11	-84.0%	103	65.57	57.2%
MCCLOSKEY ARA ARGS COAL	MTF	2,754	7,593.38	-63.7%	2,016.37	36.6%	2,653	9,561.33	-72.3%
MCCLOSKEY RCH BAY COAL	MFF	274	443.57	-38.3%	279.95	-2.3%	308	1,082.96	-71.6%
MGF FUT	MGF	0	0	-	1.84	-100.0%	2	0.97	97.0%
MGN1 SWAP FUT	MGN	4	7	-48.1%	4.74	-23.2%	6	7.8	-22.5%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-	0	0	-
MICHIGAN BASIS	NF	0	240.29	-100.0%	0	-	25	122.13	-79.4%
MICHIGAN MISO	HMO	0	0	-	0	-	573	1,239.22	-53.7%
MICHIGAN MISO	HMW	0	0	-	0	-	31	70.29	-55.9%
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	28	14.05	102.6%	26.79	6.2%	22	18.04	22.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	43	0	-	12.42	245.1%	21	6.76	205.3%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	115	70.29	64.1%	173.11	-33.4%	120	57.24	109.2%
MJC FUT	MJC	0	3.86	-88.2%	0	-	3	4.36	-39.9%
MNC FUT	MNC	199	122.9	61.7%	238.84	-16.8%	219	184.27	18.6%



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<b>Energy Futures</b>									
MONT BELVIEU ETHANE 5 DECIMAL	C0	738	2,328.81	-68.3%	962.05	-23.3%	1,449	1,883.43	-23.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	11	0	-	10.53	6.7%	21	4.66	352.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	4,370	5,620.95	-22.3%	3,376.16	29.4%	4,608	4,549.08	1.3%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	52	37.62	37.1%	71.89	-28.2%	99	27.05	266.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	180	433.86	-58.5%	134.42	33.9%	221	447.15	-50.5%
MONT BELVIEU NATURAL GASOLINE BALM	R0	2	4.76	-52.3%	8.16	-72.1%	14	9.11	51.5%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,085	871.29	24.6%	1,559.95	-30.4%	1,436	1,133.99	26.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	18	28.9	-39.0%	21.32	-17.3%	45	29	53.7%
NAT GAS BASIS SWAP	TZ6	0	159.43	-100.0%	23.84	-100.0%	17	129.92	-87.0%
NATURAL GAS	HBI	0	0	-	0	-	0	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	-	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	208.57	-100.0%	0	-	6	48.45	-86.9%
NATURAL GAS PEN SWP	NP	2,841	4,467.24	-36.4%	3,221.32	-11.8%	4,683	5,182.01	-9.6%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	115.78	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	6.17	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	2,228.57	-100.0%	3,384.21	-100.0%	2,147	1,007.74	113.0%
NEPOOL INTR HUB 5MW D AH	U6	135	182.86	-25.9%	183.16	-26.0%	130	70.97	83.0%
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	6.21	-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	38.84	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	16.36	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	35	27.86	27.3%	27.89	27.1%	31	91.5	-66.2%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	NL	18	94.67	-80.8%	0	-	11	202.04	-94.5%
NGPL MIDCONTINENT INDEX	IW	0	41.43	-100.0%	0	-	0	50	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-	0	0	-
NGPL TEX/OK	PD	35	24.43	41.4%	0	-	15	199.74	-92.4%
NGPL TEXOK INDEX	OI	0	2.86	-100.0%	0	-	0	0.58	-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	38	0	-	22.37	67.6%	34	23.06	45.7%
NORTHERN NATURAL GAS DEMAR	PE	0	26.1	-100.0%	0	-	0	15.49	-100.0%
NORTHERN NATURAL GAS VENTU	PF	4	54.86	-93.0%	0	-	1	50.76	-98.4%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	17	1,355.86	-98.8%	19.37	-13.6%	10	1,063.53	-99.1%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	38	165.71	-76.8%	107.47	-64.3%	114	111.49	2.5%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	1.84	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	33	3.57	822.7%	42.11	-21.7%	29	7.77	273.1%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	1.32	-100.0%	0	0.29	-16.7%
NY HARBOR HEAT OIL SWP	MP	97	76.86	25.7%	171.26	-43.6%	118	130.82	-9.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	35	39.57	-11.0%	18.16	94.0%	29	35.74	-19.9%
NY HARBOR RESIDUAL FUEL 1	MM	99	106.1	-6.5%	145.74	-31.9%	154	201.9	-23.7%
NYH NO 2 CRACK SPREAD CAL	HK	46	252.48	-81.6%	72.32	-35.9%	81	99.42	-18.2%
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	0	0	-	0.63	-100.0%	2	0	-
NYISO CAPACITY	NNC	2	17.62	-87.1%	4.42	-48.6%	14	9.1	52.6%
NYISO CAPACITY	NRS	14	18	-24.2%	3.95	245.5%	10	11.03	-6.7%
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	1.67	-100.0%
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0.78	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	1,051.43	-100.0%	0	-	91	2,092.43	-95.7%
NYISO ZONE A 5MW D AH PK	K3	5	0	-	0	-	66	6.21	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH PK	Q5	5	0	-	0	-	1	0	-

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NYISO ZONE G 5MW D AH O P	D2	2,804	0	-	2,463.16	13.8%	3,115	2,725.73	14.3%
NYISO ZONE G 5MW D AH PK	T3	502	162.86	208.1%	157.37	218.9%	346	148.05	133.4%
NYISO ZONE J 5MW D AH O P	D4	2,127	0	-	1,231.58	72.7%	1,746	999.53	74.6%
NYISO ZONE J 5MW D AH PK	D3	348	0	-	89.74	287.5%	165	75.41	118.8%
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	6.48	122.5%	14.47	-0.4%	71	26	175.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	9.17	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	1.55	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	36.41	-100.0%
ONTARIO POWER SWAPS	OPD	3	1.19	110.0%	0	-	2	1.12	69.6%
ONTARIO POWER SWAPS	OPM	5	0	-	17.37	-71.2%	6	4.27	47.7%
PANHANDLE BASIS SWAP FUTU	PH	0	703.19	-100.0%	0	-	0	457.54	-99.9%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-	0	5.42	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	8	0	-
PERMIAN BASIS SWAP	PM	0	209.95	-100.0%	11.26	-100.0%	2	179.46	-98.8%
PETROCHEMICALS	22	5	5.57	-16.8%	3.37	37.6%	4	3.06	29.5%
PETROCHEMICALS	32	4	5.33	-21.6%	4.74	-11.7%	6	2.74	111.3%
PETROCHEMICALS	8I	17	0.86	1825.1%	8.21	101.0%	31	8.78	252.4%
PETROCHEMICALS	91	6	16.38	-64.8%	8.68	-33.5%	10	8.72	19.8%
PETROCHEMICALS	HPE	0	1.33	-100.0%	0	-	0	0.47	-100.0%
PETROCHEMICALS	LPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	1.07	-54.6%
PETROCHEMICALS	MAE	0	3.81	-88.1%	0	-	0	2.14	-90.9%
PETROCHEMICALS	MAS	1	29.05	-95.3%	1.05	29.5%	1	7.86	-82.1%
PETROCHEMICALS	MBE	55	114.76	-52.1%	23.16	137.5%	51	125.19	-59.3%
PETROCHEMICALS	MNB	130	145.67	-10.5%	57.53	126.6%	63	80.46	-21.9%
PETROCHEMICALS	MPS	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-	1	10.19	-90.0%
PETRO CRCKS & SPRDS ASIA	STR	0	3.05	-100.0%	0	-	3	0.62	312.5%
PETRO CRCKS & SPRDS ASIA	STS	7	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	CRB	8	7.14	8.2%	0	-	8	3.67	106.3%
PETRO CRCKS & SPRDS NA	EXR	117	54.71	114.5%	93.42	25.6%	139	68.47	103.3%
PETRO CRCKS & SPRDS NA	FOC	27	9.52	186.4%	59.21	-53.9%	40	28.16	41.0%
PETRO CRCKS & SPRDS NA	GBB	9	10.71	-15.2%	42.89	-78.8%	33	3.88	751.3%

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<b>Energy Futures</b>									
PETRO CRCKS & SPRDS NA	GCC	6	4.76	19.3%	18.42	-69.2%	8	11.89	-34.7%
PETRO CRCKS & SPRDS NA	GCI	89	24.52	264.4%	51.79	72.6%	72	33.14	118.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0.34	-100.0%
PETRO CRCKS & SPRDS NA	GCU	264	339.48	-22.2%	311.79	-15.3%	339	398.85	-15.1%
PETRO CRCKS & SPRDS NA	GFC	2	0	-	0	-	5	0	-
PETRO CRCKS & SPRDS NA	HOB	70	197.52	-64.6%	240.05	-70.8%	119	224.34	-46.8%
PETRO CRCKS & SPRDS NA	KSD	0	0	-	0	-	1	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-	1	4.08	-79.5%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	15.79	-100.0%	6	0.97	500.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	2.91	-100.0%
PETRO CRCKS & SPRDS NA	RBB	503	617.33	-18.5%	358.68	40.3%	459	469.33	-2.2%
PETRO CRCKS & SPRDS NA	RVG	536	319.29	67.8%	1,029.47	-48.0%	761	329.07	131.2%
PETRO CRCKS & SPRDS NA	SF3	0	0.71	-100.0%	0	-	0	0.33	-82.3%
PETRO CRK&SPRD EURO	1NB	35	50.05	-29.2%	44.58	-20.5%	64	92.84	-30.7%
PETRO CRK&SPRD EURO	43	16	7.29	121.5%	15.58	3.6%	12	8.37	46.3%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	99	71.24	38.7%	106.37	-7.1%	114	103.31	10.2%
PETRO CRK&SPRD EURO	EOB	0	0.24	-100.0%	0	-	1	0.73	-9.3%
PETRO CRK&SPRD EURO	EPN	22	17.48	23.0%	14.84	44.9%	19	9.91	96.2%
PETRO CRK&SPRD EURO	EVC	107	71.19	50.0%	120.63	-11.5%	148	67.89	117.8%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-	0	3.5	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	GCB	13	9.52	31.3%	0	-	7	7.38	-11.2%
PETRO CRK&SPRD EURO	GOC	0	0.71	-100.0%	0	-	0	0.52	-35.2%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-	1	0	-
PETRO CRK&SPRD EURO	MUD	2	5.1	-64.3%	8.42	-78.4%	7	5.08	31.2%
PETRO CRK&SPRD EURO	NBB	1	0.95	19.3%	1.37	-17.0%	1	0.97	-11.0%
PETRO CRK&SPRD EURO	NOB	44	9.29	377.8%	61.58	-28.0%	53	13.87	283.1%
PETRO CRK&SPRD EURO	SFB	0	1.9	-100.0%	1.32	-100.0%	2	0.63	138.5%
PETROLEUM PRODUCTS	D46	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	110	20.24	442.4%	160.95	-31.8%	151	4.61	3165.6%
PETROLEUM PRODUCTS	MBS	0	2.38	-100.0%	0	-	1	5.06	-84.6%
PETROLEUM PRODUCTS	MGS	1	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
PETROLEUM PRODUCTS	MME	1	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MPE	5	8.81	-48.4%	0	-	1	13.23	-92.7%
PETROLEUM PRODUCTS	VU	4	0	-	10.53	-59.0%	8	8.58	-9.6%
PETROLEUM PRODUCTS ASIA	E6M	2	3.1	-50.1%	2.47	-37.5%	1	4.15	-77.5%
PETROLEUM PRODUCTS ASIA	MJN	99	57.62	71.3%	107.58	-8.3%	93	57.52	62.1%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0B	0	5.67	-100.0%	0	-	0	7.65	-94.5%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0.74	-100.0%
PETRO OUTRIGHT EURO	0D	105	180.19	-41.7%	94.05	11.8%	126	221.13	-43.1%
PETRO OUTRIGHT EURO	0E	17	41.33	-58.4%	29	-40.8%	29	43.42	-33.0%
PETRO OUTRIGHT EURO	0F	60	25.48	134.8%	93.68	-36.1%	69	43.09	60.9%
PETRO OUTRIGHT EURO	1T	1	0	-	0.63	-13.6%	1	0.19	199.9%
PETRO OUTRIGHT EURO	33	0	1.43	-100.0%	0	-	1	1.88	-58.8%
PETRO OUTRIGHT EURO	5L	4	13.33	-73.7%	1.58	121.7%	4	6.6	-39.6%
PETRO OUTRIGHT EURO	63	0	8.1	-100.0%	5.53	-100.0%	4	6.86	-34.7%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	6	1.19	362.0%	2.63	109.0%	5	7.04	-26.9%
PETRO OUTRIGHT EURO	7R	10	12.62	-19.7%	6.26	61.8%	10	12.26	-16.1%
PETRO OUTRIGHT EURO	88	0	1.67	-100.0%	0	-	0	0.53	-100.0%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0.06	-100.0%
PETRO OUTRIGHT EURO	CPB	5	0.48	950.0%	3.95	26.7%	18	1.91	815.2%
PETRO OUTRIGHT EURO	EFF	0	1.43	-100.0%	2.63	-100.0%	3	3.02	-13.2%
PETRO OUTRIGHT EURO	EFM	0	0	-	8.74	-100.0%	3	0.87	228.9%
PETRO OUTRIGHT EURO	ENS	0	3.57	-100.0%	0	-	1	5.66	-89.7%
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	EWN	23	2.38	869.8%	60.26	-61.7%	35	6.18	469.4%
PETRO OUTRIGHT EURO	FBD	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	MBB	1	0	-	0	-	1	0.33	341.2%
PETRO OUTRIGHT EURO	MBN	53	55.33	-5.1%	14.74	256.3%	36	53.29	-33.1%
PETRO OUTRIGHT EURO	SMU	2	1.9	-4.5%	0	-	0	0.39	0.0%
PETRO OUTRIGHT EURO	T0	0	0.24	-100.0%	0	-	1	1.86	-42.7%
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-	4	0.87	316.7%
PETRO OUTRIGHT EURO	V0	0	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	W0	0	0	-	0	-	0	0.49	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
PETRO OUTRIGHT NA	FCB	9	12.19	-23.9%	1.68	450.6%	7	4.68	57.3%
PETRO OUTRIGHT NA	FOM	0	0	-	1.58	-100.0%	0	0.03	1234.4%
PETRO OUTRIGHT NA	GBA	0	0.38	-100.0%	0	-	0	0.08	-100.0%
PETRO OUTRIGHT NA	GUD	0	0.62	-100.0%	0	-	0	0.13	-100.0%
PETRO OUTRIGHT NA	JE	6	0	-	0	-	1	4.26	-65.8%
PETRO OUTRIGHT NA	JET	100	91.19	9.4%	172.79	-42.3%	199	88.2	126.2%
PETRO OUTRIGHT NA	JTB	14	0	-	0	-	3	0	-
PETRO OUTRIGHT NA	MBL	0	4.29	-100.0%	0	-	1	0.87	50.0%
PETRO OUTRIGHT NA	MEN	29	18.81	56.1%	41.95	-30.0%	36	36.54	-1.9%
PETRO OUTRIGHT NA	MEO	455	418.43	8.8%	480.21	-5.2%	552	444.17	24.4%
PETRO OUTRIGHT NA	MFD	1	0	-	0	-	0	2.91	-91.7%
PETRO OUTRIGHT NA	MMF	2	10.24	-76.5%	2.11	14.4%	4	8.57	-52.9%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	6	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	8,786.67	-100.0%	0	-	2,564	8,499.57	-69.8%
PJM AD HUB 5MW REAL TIME	Z9	10	663.95	-98.5%	134.21	-92.5%	184	530.75	-65.4%
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	-	454	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	25	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-	0	227.18	-100.0%
PJM BGE DA PEAK	E3	0	0	-	0	-	0	12.38	-100.0%
PJM COMED 5MW D AH O PK	D9	0	0	-	2,463.16	-100.0%	829	1,817.48	-54.4%
PJM COMED 5MW D AH PK	D8	0	0	-	134.21	-100.0%	45	99.03	-54.2%
PJM DAILY	JD	0	61.9	-100.0%	0	-	0	12.62	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-	2,058	206.84	895.0%
PJM DAYTON DA PEAK	D7	0	0	-	0	-	51	7.43	586.3%
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	211	273.33	-22.8%	1,796.32	-88.2%	713	240.61	196.2%
PJM NI HUB 5MW REAL TIME	B6	874	6,939.05	-87.4%	34,892.63	-97.5%	15,461	6,801.52	127.3%
PJM NILL DA OFF-PEAK	L3	167	351.76	-52.4%	26,536.53	-99.4%	6,427	2,973.03	116.2%
PJM NILL DA PEAK	N3	58	26.05	122.5%	1,031.26	-94.4%	367	131.02	179.7%
PJM OFF-PEAK LMP SWAP FUT	JP	0	6.67	-100.0%	0	-	0	1.36	-100.0%

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<b>Energy Futures</b>									
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	1,590.29	-100.0%
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	49.51	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	-	0	-	73	4,053.3	-98.2%
PJM WESTHDA PEAK	J4	0	0	-	46.32	-100.0%	13	203.5	-93.6%
PJM WESTH RT OFF-PEAK	N9	10,972	26,549.05	-58.7%	34,393.68	-68.1%	14,157	38,839.72	-63.5%
PJM WESTH RT PEAK	L1	1,826	2,000.24	-8.7%	1,674.58	9.1%	1,227	3,220.72	-61.9%
PLASTICS	PGP	22	0	-	38.05	-43.3%	25	17.49	44.0%
PREMIUM UNLD 10P FOB MED	3G	4	3.81	13.4%	0.53	720.5%	3	15.53	-79.6%
PREMIUM UNLEAD 10PPM FOB	8G	3	0.14	1967.5%	0.74	301.0%	1	1.59	-39.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0.02	250.5%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	1.29	-82.3%	0	-	0	1.68	-78.6%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2	25.24	-91.9%	6.42	-68.1%	34	14.36	136.4%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	204	748.95	-72.8%	274.68	-25.9%	399	493.01	-19.0%
RBOB CALENDAR SWAP	RL	261	267.33	-2.4%	381.74	-31.6%	341	262.55	29.9%
RBOB CRACK SPREAD	RM	5	95.19	-95.2%	18.95	-76.0%	20	96.13	-79.0%
RBOB CRACK SPREAD BALMO S	1E	0	1.19	-100.0%	0	-	0	0.24	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	77	53.62	44.5%	24.79	212.4%	40	32.29	23.8%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-	0	89.35	-100.0%
RBOB VS HEATING OIL SWAP	RH	55	81.19	-31.7%	32.89	68.6%	105	65.16	61.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-	0	7.15	-100.0%
SAN JUAN BASIS SWAP	NJ	0	724.38	-100.0%	11.26	-100.0%	2	351.24	-99.4%
SINGAPORE 180CST BALMO	BS	3	1.19	167.3%	5.79	-45.0%	3	3.19	-5.2%
SINGAPORE 380CST BALMO	BT	12	7.81	51.9%	16.16	-26.6%	11	6.97	54.3%
SINGAPORE 380CST FUEL OIL	SE	433	248.38	74.5%	509.47	-14.9%	580	273.83	112.0%
SINGAPORE FUEL 180CST CAL	UA	35	73.24	-52.8%	68.79	-49.8%	60	64.13	-6.8%
SINGAPORE FUEL OIL SPREAD	SD	39	43.67	-10.6%	35.68	9.4%	43	23	87.9%
SINGAPORE GASOIL	MTB	5	8.19	-33.4%	6.58	-17.1%	8	13.79	-45.6%
SINGAPORE GASOIL	MTS	206	193.67	6.3%	221	-6.8%	245	163	50.0%
SINGAPORE GASOIL	STL	0	0	-	0	-	0	0.97	-100.0%



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<b>Energy Futures</b>									
SINGAPORE GASOIL	STZ	14	0	-	0	-	7	0	-
SINGAPORE GASOIL CALENDAR	MSG	7	0	-	21.05	-68.7%	17	1.82	819.3%
SINGAPORE GASOIL SWAP	SG	404	215.57	87.6%	460.37	-12.1%	523	182.69	186.2%
SINGAPORE GASOIL VS ICE	GA	134	216.19	-37.9%	255.53	-47.5%	459	89.32	413.4%
SINGAPORE JET KERO BALMO	BX	7	0	-	0	-	4	0.54	635.7%
SINGAPORE JET KERO GASOIL	RK	90	2.38	3670.4%	119.74	-25.0%	112	29.9	275.2%
SINGAPORE JET KEROSENE SW	KS	51	7.14	609.5%	59.21	-14.4%	67	23.69	182.1%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	35	27.05	27.9%	16.58	108.6%	11	27.21	-57.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	132	150.14	-12.3%	403.63	-67.4%	364	303.47	19.8%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-	0	0.19	-100.0%
SING FUEL	MSD	0	0	-	0.53	-56.8%	0	0.05	700.6%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	54.37	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	3.57	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-	0	5.07	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	2.56	-100.0%
Sumas Basis Swap	NK	47	378.71	-87.6%	36.95	26.6%	45	118.07	-61.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	0	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	0	-	0	0.15	-100.0%
TCO BASIS SWAP	TC	8	2.86	195.9%	256.21	-96.7%	72	132.34	-45.7%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-	0	10.07	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	18.71	-100.0%	0	-	4	3.82	8.9%
TENNESSEE 800 LEG NG BASI	6Z	0	14.57	-100.0%	0	-	0	7.13	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	7.65	-100.0%
TETCO M-3 INDEX	IX	0	139.81	-100.0%	0	-	0	67.94	-100.0%
Tetco STX Basis	TX	0	0	-	0	-	0	8.55	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	317.95	-100.0%	0	-	73	404.47	-81.9%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	CZ	0	5.71	-100.0%	15.89	-100.0%	3	5.92	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	329.26	-100.0%	61	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	85.19	-100.0%	21.21	-100.0%	57	121.3	-52.8%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	24.47	-100.0%	5	4.82	-6.2%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	15.81	-100.0%	0	-	28	43.7	-36.2%
TRANSCO ZONE 6 INDEX	IT	0	40.76	-100.0%	0	-	8	52.52	-84.2%
UCM FUT	UCM	4	2.14	88.8%	1.05	284.3%	2	1.6	3.0%

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<b>Energy Futures</b>									
ULSD 10PPM CIF MED BALMO	X7	0	0.14	-100.0%	0	-	0	0.37	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0.14	59.1%	0.79	-71.2%	0	0.44	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	1.57	-100.0%	0.79	-100.0%	0	1.05	-80.6%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-	0	0.34	-100.0%
ULSD UP-DOWN BALMO SWP	1L	154	195.86	-21.6%	142.89	7.5%	199	167.21	18.9%
UP DOWN GC ULSD VS NMX HO	LT	1,819	2,236.62	-18.7%	1,721.58	5.7%	2,073	2,512.93	-17.5%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-	0	1.7	-100.0%
WAHA BASIS	NW	0	290.9	-100.0%	7.95	-100.0%	9	201.16	-95.7%
WAHA INDEX SWAP FUTURE	IY	0	46.29	-100.0%	0	-	0	53.32	-100.0%
WESTERN RAIL DELIVERY PRB	QP	65	15.71	312.2%	10.26	531.1%	21	52.68	-60.2%
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-	4	0	-
WTI-BRENT CALENDAR SWAP	BK	145	596.43	-75.6%	272.89	-46.8%	350	542.74	-35.6%
WTI CALENDAR	CS	1,475	1,504.14	-1.9%	1,930.37	-23.6%	1,766	1,583.34	11.5%
WTS (ARGUS) VS WTI SWAP	FF	22	111.43	-80.4%	330	-93.4%	166	63.69	161.3%
WTS (ARGUS) VS WTI TRD MT	FH	0	139.05	-100.0%	0	-	23	60.44	-61.3%

### Energy Options

1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	18	181.19	-90.2%	1.05	1584.1%	23	95.79	-76.0%
BRENT OIL LAST DAY	BE	11	285.71	-96.0%	451.16	-97.5%	145	210.35	-31.1%
BRENT OIL LAST DAY	BZO	1,937	856.14	126.3%	843.84	129.6%	1,131	340.65	232.0%
BRENT OIL LAST DAY	OS	45	9.71	367.9%	0	-	20	67.13	-70.4%
COAL API2 INDEX	CLA	25	233.33	-89.3%	76.05	-67.1%	57	326.26	-82.5%
COAL API2 INDEX	CQA	1	517.86	-99.7%	0	-	6	945.96	-99.4%
COAL API2 INDEX	MTC	0	0	-	0	-	0	1.46	-66.7%
COAL API4 INDEX	RLA	0	0	-	0	-	0	0.49	-100.0%
COAL API4 INDEX	RQA	0	0	-	0	-	0	12.91	-100.0%
COAL SWAP	CPF	0	0	-	0	-	1	3.74	-63.6%
COAL SWAP	RPF	0	0	-	0	-	1	0.45	84.8%
CRUDE OIL 1MO	WA	9,133	10,279.33	-11.2%	6,514.21	40.2%	8,395	10,252.43	-18.1%
CRUDE OIL APO	AO	1,198	1,475.76	-18.8%	2,117.26	-43.4%	1,595	1,151.53	38.5%
CRUDE OIL OUTRIGHTS	AH	0	47.62	-100.0%	0	-	0	11.17	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL PHY	CD	134	314.29	-57.3%	59.74	124.5%	92	180.34	-48.8%

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<b>Energy Options</b>									
CRUDE OIL PHY	LC	1,985	807.43	145.8%	1,941.58	2.2%	1,724	2,089.31	-17.5%
CRUDE OIL PHY	LO	241,396	162,048.24	49.0%	209,426.21	15.3%	195,721	186,793.08	4.8%
CRUDE OIL PHY	LO1	1,074	252.05	326.1%	537.63	99.8%	587	249.62	135.1%
CRUDE OIL PHY	LO2	821	137.24	498.2%	337.53	143.2%	489	198.24	146.6%
CRUDE OIL PHY	LO3	554	261.57	111.9%	709.37	-21.9%	405	123.67	227.5%
CRUDE OIL PHY	LO4	1,302	272.33	378.1%	1,059.84	22.9%	729	212.42	243.1%
CRUDE OIL PHY	LO5	0	0	-	0	-	132	105.58	25.4%
ELEC FINSETTLED	PML	0	1.62	-100.0%	0	-	0	1.41	-100.0%
ELEC MISO PEAK	9T	0	0	-	0	-	8	0	-
ETHANOL	CE1	0	0	-	0.79	-42.4%	1	0.24	200.0%
ETHANOL	CE3	0	0	-	0	-	3	0.24	1100.1%
ETHANOL SWAP	CVR	197	241.95	-18.6%	283.95	-30.6%	253	270.54	-6.5%
ETHANOL SWAP	GVR	7	1.43	377.3%	27.11	-74.8%	9	11.63	-23.2%
EURO-DENOMINATED PETRO PROD	NWE	0	0	-	0	-	0	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0.58	-100.0%
GASOLINE	GCE	0	0	-	0	-	0	8.47	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	0	0	-	0	-	9	11.93	-26.3%
HEATING OIL PHY	OH	2,404	2,769.1	-13.2%	1,399.21	71.8%	1,540	2,769.09	-44.4%
HENRY HUB FINANCIAL LAST	E7	152	70.43	115.7%	183.16	-17.1%	189	63.57	197.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	68.42	-100.0%	13	55.34	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	200	-100.0%	0	-	50	84.76	-41.6%
MCCLOSKEY ARA ARGS COAL	MTO	10	71.19	-86.6%	0	-	7	82.38	-91.2%
MCCLOSKEY RCH BAY COAL	MFO	0	49.29	-100.0%	0	-	0	23.16	-100.0%
NATURAL GAS	G10	9	0	-	13.16	-30.9%	4	4.85	-10.0%
NATURAL GAS 1 M CSO FIN	G4	3,283	15.48	21112.9%	5,773.68	-43.1%	2,310	302.72	663.1%
NATURAL GAS 2 M CSO FIN	G2	25	0	-	0	-	32	9.71	230.0%
NATURAL GAS 3 M CSO FIN	G3	1,105	2,396.43	-53.9%	302.63	265.0%	427	1,053.47	-59.5%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	43.42	-100.0%	39	11.65	237.5%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	0	-	329	39.81	726.1%
NATURAL GAS OPTION ON CALENDAR STR	6J	9	23.81	-62.2%	6.32	42.5%	39	115.32	-66.3%
NATURAL GAS PHY	KD	1,710	1,555.71	9.9%	1,540.32	11.0%	1,520	1,646.33	-7.6%
NATURAL GAS PHY	LN	108,560	70,811.38	53.3%	98,621.79	10.1%	111,873	87,312.06	28.1%
NATURAL GAS PHY	ON	8,851	9,920.62	-10.8%	8,293.74	6.7%	10,005	12,981.75	-22.9%
NATURAL GAS PHY	ON1	0	0	-	0	-	0	0	-

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<b>Energy Options</b>									
NG HH 3 MONTH CAL	IC	0	11.9	-100.0%	0	-	0	4.85	-100.0%
N ROCKIES PIPE SWAP	ZR	20	34.29	-40.3%	23.68	-13.6%	19	20.1	-5.5%
NY HARBOR HEAT OIL SWP	AT	151	227.95	-33.9%	167.89	-10.2%	151	282.77	-46.6%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	20	-100.0%	0	-	193	4.08	4621.5%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	28	0	-
PETROCHEMICALS	4H	8	23	-66.0%	27.11	-71.2%	24	76.83	-68.8%
PETROCHEMICALS	4J	11	57.14	-80.9%	13.42	-18.7%	23	30.58	-23.2%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0.95	-100.0%	0	4.81	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	3	0	-
PJM MONTHLY	JO	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	4	0	-	25.26	-85.6%	25	1.36	1771.5%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	100	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	59	9.76	502.5%	92.21	-36.2%	109	15.23	614.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	80.95	-100.0%	0	-	0	33.01	-100.0%
RBOB CALENDAR SWAP	RA	5	115.52	-95.7%	24.21	-79.3%	21	44.65	-53.6%
RBOB PHY	OB	1,668	1,853.24	-10.0%	1,887.79	-11.6%	1,265	2,183.1	-42.1%
RBOB PHY	RF	0	0	-	0	-	1	0.19	199.9%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	2.72	-100.0%
SAN JUAN PIPE SWAP	PJ	16	81.43	-79.9%	14.21	15.2%	12	27.5	-55.5%
SHORT TERM	U11	58	9.52	510.9%	21.05	176.4%	24	14.56	63.3%
SHORT TERM	U12	22	30.95	-29.7%	17.11	27.3%	14	21.17	-35.8%
SHORT TERM	U13	0	2.38	-100.0%	2.63	-100.0%	9	25.11	-62.3%
SHORT TERM	U14	0	0	-	0	-	8	31.31	-75.2%
SHORT TERM	U15	51	0	-	0	-	27	13.59	96.1%
SHORT TERM	U22	16	0	-	0	-	8	16.02	-51.5%
SHORT TERM	U23	11	9.52	14.5%	0	-	8	4.85	72.0%
SHORT TERM	U24	22	20.48	8.8%	38.42	-42.0%	17	9.51	75.5%
SHORT TERM	U25	0	0	-	0	-	1	1.99	-51.2%
SHORT TERM	U26	2	7.14	-74.5%	1.05	72.7%	1	11.94	-95.1%
SHORT TERM NATURAL GAS	U01	40	23.81	69.9%	22.37	80.9%	20	25	-20.8%
SHORT TERM NATURAL GAS	U02	20	0	-	0	-	12	28.88	-56.8%
SHORT TERM NATURAL GAS	U03	22	10.71	103.6%	0	-	13	5.1	161.0%
SHORT TERM NATURAL GAS	U04	24	47.62	-49.4%	6.58	266.2%	7	24.27	-70.8%

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<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U05	6	27.38	-78.4%	28.95	-79.6%	7	19.66	-64.0%
SHORT TERM NATURAL GAS	U06	0	26.19	-100.0%	31.58	-100.0%	44	17.77	145.9%
SHORT TERM NATURAL GAS	U07	0	0	-	26.32	-100.0%	16	29.13	-44.2%
SHORT TERM NATURAL GAS	U08	12	0	-	0	-	21	13.08	57.4%
SHORT TERM NATURAL GAS	U09	17	29.52	-41.5%	0	-	17	19.1	-10.5%
SHORT TERM NATURAL GAS	U10	3	8.33	-68.9%	15.79	-83.6%	36	28.06	30.0%
SHORT TERM NATURAL GAS	U16	22	11.9	83.3%	0	-	9	14.9	-42.7%
SHORT TERM NATURAL GAS	U17	34	14.29	139.9%	0	-	19	6.6	180.7%
SHORT TERM NATURAL GAS	U18	19	26.43	-28.3%	0	-	4	15.1	-73.2%
SHORT TERM NATURAL GAS	U19	16	14.29	11.4%	0	-	11	10.49	6.9%
SHORT TERM NATURAL GAS	U20	0	0	-	2.63	-100.0%	15	7.09	108.9%
SHORT TERM NATURAL GAS	U21	0	0	-	13.16	-100.0%	6	4.61	40.0%
SHORT TERM NATURAL GAS	U27	0	23.81	-100.0%	6.32	-100.0%	18	7.77	133.8%
SHORT TERM NATURAL GAS	U28	0	0	-	2.37	-100.0%	2	18.69	-87.3%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-	0	20.15	-100.0%
SHORT TERM NATURAL GAS	U30	52	0	-	0	-	17	4.85	259.0%
SHORT TERM NATURAL GAS	U31	85	0	-	0	-	51	7.28	600.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	N2	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	97.09	-100.0%
WTI-BRENT BULLET SWAP	BV	1,301	442.86	193.8%	1,645.95	-21.0%	2,134	1,114.47	91.4%
WTI CRUDE OIL 1 M CSO FI	7A	4,950	5,575.81	-11.2%	1,431.58	245.8%	2,992	8,414.3	-64.4%
<b>Commodities and Alternative Investments Futures</b>									
COCOA TAS	CJ	1	10.14	-90.6%	0.16	504.5%	1	10.51	-93.2%
COFFEE	KT	1	0.33	172.8%	1.05	-13.6%	0	0.77	-49.4%
COTTON	TT	0	0.67	-31.8%	0.05	764.1%	0	2.99	-95.5%
SUGAR 11	YO	0	1.9	-83.3%	0	-	0	2.74	-91.1%

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Commodity	ADV MAY 2017	ADV MAY 2016	% CHG	ADV APR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>TOTAL FUTURES GROUP</b>								
Commodities and Alternative Investments Futures	3	13.05	-79.8%	1.26	108.7%	1	17.01	-91.3%
Energy Futures	2,273,789	1,957,280	16.2%	2,192,079.21	3.7%	2,191,931	2,134,390.33	2.7%
Metals Futures	492,089	434,759.81	13.2%	499,844.05	-1.6%	478,800	408,015.58	17.3%
<b>TOTAL FUTURES</b>	<b>2,765,881</b>	<b>2,392,052.86</b>	<b>15.6%</b>	<b>2,691,924.53</b>	<b>2.7%</b>	<b>2,670,732.86</b>	<b>2,542,422.92</b>	<b>5.0%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	394,702	274,986.38	43.5%	346,223.74	14.0%	347,374	323,168.81	7.5%
Metals Options	47,783	44,623.19	7.1%	48,623.42	-1.7%	45,682	48,436.1	-5.7%
<b>TOTAL OPTIONS</b>	<b>442,485</b>	<b>319,609.57</b>	<b>38.4%</b>	<b>394,847.16</b>	<b>12.1%</b>	<b>393,056.42</b>	<b>371,604.9</b>	<b>5.8%</b>
<b>TOTAL COMBINED</b>								
Metals	539,872	479,383	12.6%	548,467.47	-1.6%	524,483	456,451.68	14.9%
Energy	2,668,492	2,232,266.38	19.5%	2,538,302.95	5.1%	2,539,305	2,457,559.14	3.3%
Commodities and Alternative Investments	3	13.05	-79.8%	1.26	108.7%	1	17.01	-91.3%
<b>GRAND TOTAL</b>	<b>3,208,366</b>	<b>2,711,662.43</b>	<b>18.3%</b>	<b>3,086,771.68</b>	<b>3.9%</b>	<b>3,063,789.28</b>	<b>2,914,027.82</b>	<b>5.1%</b>