

## NYMEX/COMEX Exchange ADV Report - Monthly

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Commodity		ADV JAN 2018	ADV JAN 2017	% CHG	ADV DEC 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
<b>Metals Futures</b>									
COMEX GOLD	GC	436,280	298,944.6	45.9%	259,329.35	68.2%	436,280	298,944.6	45.9%
NYMEX HOT ROLLED STEEL	HR	497	275.05	80.7%	276.55	79.7%	497	275.05	80.7%
NYMEX PLATINUM	PL	21,146	17,280.95	22.4%	28,476.75	-25.7%	21,146	17,280.95	22.4%
PALLADIUM	PA	4,705	5,597.95	-16.0%	3,644.5	29.1%	4,705	5,597.95	-16.0%
URANIUM	UX	31	18.5	67.3%	47.05	-34.2%	31	18.5	67.3%
COMEX SILVER	SI	104,125	70,702.4	47.3%	69,405	50.0%	104,125	70,702.4	47.3%
COMEX E-Mini GOLD	QO	387	608.6	-36.4%	249.6	55.1%	387	608.6	-36.4%
COMEX E-Mini SILVER	QI	48	44.5	7.1%	40.7	17.1%	48	44.5	7.1%
COMEX COPPER	HG	131,487	84,862.95	54.9%	117,658.15	11.8%	131,487	84,862.95	54.9%
COMEX MINY COPPER	QC	32	30.15	7.7%	31.35	3.6%	32	30.15	7.7%
ALUMINUM	A38	0	0	-	0	-	0	0	-
ALUMINUM	AEP	11	338.5	-96.6%	117	-90.2%	11	338.5	-96.6%
ALUMINUM	ALA	38	0	-	63	-39.9%	38	0	-
ALUMINUM	ALI	0	86.7	-100.0%	0	-	0	86.7	-100.0%
ALUMINUM	AUP	599	841.45	-28.8%	466.8	28.4%	599	841.45	-28.8%
ALUMINUM	CUP	4	0	-	16.45	-75.4%	4	0	-
ALUMINUM	EDP	29	0.1	28471.4%	61.75	-53.7%	29	0.1	28471.4%
ALUMINUM	MJP	34	127.7	-73.2%	91.8	-62.7%	34	127.7	-73.2%
COPPER	HGS	183	3	6015.9%	197.25	-7.0%	183	3	6015.9%
E-MICRO GOLD	MGC	6,792	3,837.4	77.0%	4,152.1	63.6%	6,792	3,837.4	77.0%
FERROUS PRODUCTS	BUS	70	0	-	3.75	1762.9%	70	0	-
GOLD	GPS	0	0	-	0	-	0	0	-
Gold Kilo	GCK	0	39.3	-99.5%	5.2	-96.3%	0	39.3	-99.5%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	2	-100.0%	0	-	0	2	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	151	531.85	-71.5%	145.45	4.0%	151	531.85	-71.5%
LNDN ZINC	ZNC	1	0.25	452.4%	0.8	72.6%	1	0.25	452.4%
SILVER	SIL	296	290.1	2.0%	242.4	22.0%	296	290.1	2.0%
<b>Metals Options</b>									
COMEX COPPER	HX	957	207.65	360.6%	1,006.45	-5.0%	957	207.65	360.6%
COMEX GOLD	OG	45,597	34,888.15	30.7%	37,361.7	22.0%	45,597	34,888.15	30.7%
COMEX SILVER	SO	7,537	4,722.1	59.6%	5,599.25	34.6%	7,537	4,722.1	59.6%
GOLD	OG1	591	77.8	659.9%	328.9	79.8%	591	77.8	659.9%
GOLD	OG2	497	103.6	379.4%	342.3	45.1%	497	103.6	379.4%

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GOLD	OG3	521	86.95	499.4%	371.65	40.2%	521	86.95	499.4%
GOLD	OG4	344	10.05	3324.8%	245.5	40.2%	344	10.05	3324.8%
GOLD	OG5	0	0	-	267.25	-100.0%	0	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	60	-100.0%	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	43.6	-100.0%	0	-	0	43.6	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	9	98.25	-91.3%	0	-	9	98.25	-91.3%
NYMEX PLATINUM	PO	224	221.4	1.2%	315.25	-28.9%	224	221.4	1.2%
PALLADIUM	PAO	153	234.4	-34.7%	82.75	84.9%	153	234.4	-34.7%
SILVER	SO1	1	0.55	99.1%	0.25	338.1%	1	0.55	99.1%
SILVER	SO2	0	0.55	-48.1%	2.25	-87.3%	0	0.55	-48.1%
SILVER	SO3	0	1.05	-54.6%	1.1	-56.7%	0	1.05	-54.6%
SILVER	SO4	3	0.1	2423.8%	0.9	180.4%	3	0.1	2423.8%
SILVER	SO5	0	0	-	2.45	-100.0%	0	0	-

### Energy Futures

CRUDE OIL PHY	CL	1,357,326	1,121,482.15	21.0%	1,010,235.25	34.4%	1,357,326	1,121,482.15	21.0%
CRUDE OIL	WS	28	605.8	-95.4%	55	-49.0%	28	605.8	-95.4%
MINY WTI CRUDE OIL	QM	9,962	11,243.25	-11.4%	8,382.25	18.9%	9,962	11,243.25	-11.4%
BRENT OIL LAST DAY	BZ	66,201	97,049.6	-31.8%	64,730.4	2.3%	66,201	97,049.6	-31.8%
HEATING OIL PHY	HO	216,313	166,126.85	30.2%	175,220.75	23.5%	216,313	166,126.85	30.2%
HTG OIL	BH	0	0	-	0	-	0	0	-
MINY HTG OIL	QH	0	0.2	-4.8%	0.15	27.0%	0	0.2	-4.8%
RBOB PHY	RB	204,311	187,425.05	9.0%	168,423.65	21.3%	204,311	187,425.05	9.0%
MINY RBOB GAS	QU	0	0.45	-68.2%	0.2	-28.6%	0	0.45	-68.2%
NATURAL GAS	HP	11,853	6,830.15	73.5%	7,611.4	55.7%	11,853	6,830.15	73.5%
LTD NAT GAS	HH	26,716	14,672.15	82.1%	15,779.4	69.3%	26,716	14,672.15	82.1%
MINY NATURAL GAS	QG	3,069	2,252.85	36.2%	2,017.25	52.1%	3,069	2,252.85	36.2%
PJM MONTHLY	JM	0	0	-	0	-	0	0	-
NATURAL GAS PHY	NG	675,650	442,928.65	52.5%	525,030.4	28.7%	675,650	442,928.65	52.5%
RBOB GAS	RT	210	90.5	132.6%	95.5	120.4%	210	90.5	132.6%
3.5% FUEL OIL CID MED SWA	7D	5	36.7	-85.1%	0	-	5	36.7	-85.1%
3.5% FUEL OIL CIF BALMO S	8D	0	1.25	-100.0%	0	-	0	1.25	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-	0	0	-

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AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-	0	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	N7	0	0	-	0	-	0	0	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-	0	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-	0	0	-
ANR OKLAHOMA	NE	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	E5	2,004	448.7	346.5%	1,517.75	32.0%	2,004	448.7	346.5%
ARGUS PROPAN FAR EST INDE	7E	339	64.25	427.4%	193.85	74.8%	339	64.25	427.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	117	64.1	82.1%	69.7	67.5%	117	64.1	82.1%
AUSTRIALIAN COKE COAL	ACT	0	0	-	6	-100.0%	0	0	-
AUSTRIALIAN COKE COAL	ALW	0	15.45	-100.0%	0	-	0	15.45	-100.0%
BRENT BALMO SWAP	J9	0	1.25	-100.0%	0	-	0	1.25	-100.0%
BRENT CALENDAR SWAP	CY	53	169	-68.5%	212.35	-75.0%	53	169	-68.5%
BRENT FINANCIAL FUTURES	BB	0	442.5	-100.0%	0	-	0	442.5	-100.0%
BRENT FINANCIAL FUTURES	MDB	0	0	-	4.8	-100.0%	0	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	397	-100.0%	0	-	0	397	-100.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	0	64.5	-100.0%	0	-	0	64.5	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-	0	0	-
CEU ENERGY	TTF	23	0	-	0	-	23	0	-
CEU ENERGY	UKG	3	0	-	0	-	3	0	-
CHICAGO ETHANOL SWAP	CU	5,866	7,051.55	-16.8%	4,780.2	22.7%	5,866	7,051.55	-16.8%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	5C	15	13.25	15.0%	28.5	-46.5%	15	13.25	15.0%
CHICAGO UNL GAS PL VS RBO	3C	7	0	-	0	-	7	0	-
CIG BASIS	CI	0	0	-	0	-	0	0	-
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH PK	H5	62	53.4	17.0%	61	2.4%	62	53.4	17.0%
CIN HUB 5MW REAL TIME O P	H4	0	902	-100.0%	0	-	0	902	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	526.25	-100.0%	0	-	0	526.25	-100.0%
COAL SWAP	ACM	1	5.5	-87.0%	2.25	-68.3%	1	5.5	-87.0%

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COAL SWAP	SSI	0	0	-	0	-	0	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-	0	0	-
COLUMBIA GULF ONSHORE	GL	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPIS) SWA	8L	1	4.25	-70.9%	1.7	-27.2%	1	4.25	-70.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	4	5.1	-25.3%	12.95	-70.6%	4	5.1	-25.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	828	520.75	58.9%	538.85	53.6%	828	520.75	58.9%
CRUDE OIL	LPS	329	240.7	36.7%	206.5	59.3%	329	240.7	36.7%
CRUDE OIL OUTRIGHTS	42	8	4.25	97.2%	31.6	-73.5%	8	4.25	97.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	4.5	-100.0%	0	0	-
CRUDE OIL OUTRIGHTS	CPD	87	0	-	35	149.3%	87	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	CSW	0	13.5	-98.2%	4.25	-94.4%	0	13.5	-98.2%
CRUDE OIL OUTRIGHTS	DBL	0	20	-100.0%	0	-	0	20	-100.0%
CRUDE OIL OUTRIGHTS	FE	0	5	-100.0%	0	-	0	5	-100.0%
CRUDE OIL OUTRIGHTS	GSW	5	2.25	122.2%	0	-	5	2.25	122.2%
CRUDE OIL OUTRIGHTS	HTT	3,680	667.55	451.3%	1,757.15	109.4%	3,680	667.55	451.3%
CRUDE OIL OUTRIGHTS	LSW	10	0	-	14.25	-28.2%	10	0	-
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	UMD	38	0	-	30	27.0%	38	0	-
CRUDE OIL OUTRIGHTS	UNS	88	0	-	93.9	-6.8%	88	0	-
CRUDE OIL OUTRIGHTS	WCC	0	532	-100.0%	3.5	-100.0%	0	532	-100.0%
CRUDE OIL OUTRIGHTS	WCW	547	0	-	789	-30.7%	547	0	-
CRUDE OIL PHY	CLL	0	0	-	0	-	0	0	-
CRUDE OIL SPRDS	38	55	0	-	0	-	55	0	-
CRUDE OIL SPRDS	WTT	4,694	459.25	922.1%	2,572.9	82.4%	4,694	459.25	922.1%
CRUDE OIL TRADE AT MARKER SINGAPOR	CLS	0	0	-	0	-	0	0	-
DAILY PJM	AOR	0	0	-	0	-	0	0	-
DAILY PJM	IDO	0	0	-	0	-	0	0	-
DAILY PJM	NOC	0	0	-	0	-	0	0	-
DAILY PJM	PAP	0	0	-	0	-	0	0	-
DAILY PJM	PEO	0	0	-	0	-	0	0	-
DAILY PJM	PNO	0	0	-	0	-	0	0	-
DAILY PJM	PNP	0	0	-	0	-	0	0	-
DAILY PJM	PWO	0	0	-	0	-	0	0	-
DAILY PJM	PWP	0	0	-	0	-	0	0	-
DAILY PJM	WOR	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
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	-	0	0	-
DATED TO FRONTLINE BRENT	FY	39	175.5	-78.0%	0	-	39	175.5	-78.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-	0	0	-
DIESEL 10PPM BARGES FOB B	U7	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	PG	0	988.85	-100.0%	0	-	0	988.85	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	-	2.5	-100.0%	0	0	-
DUBAI CRUDE OIL CALENDAR	DC	230	824.95	-72.1%	95.5	140.6%	230	824.95	-72.1%
DY EURO 3.5% FUEL OI RDA	FOR	0	75	-100.0%	0	-	0	75	-100.0%
EASTERN RAIL DELIVERY CSX	QX	4	78.75	-95.5%	0.75	376.2%	4	78.75	-95.5%
EAST/WEST FUEL OIL SPREAD	EW	0	42.05	-100.0%	0	-	0	42.05	-100.0%
EIA FLAT TAX ONHWAY DIESE	A5	13	74.3	-83.0%	15.05	-15.8%	13	74.3	-83.0%
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-	0	0	-
ELEC FINSETTLED	47	0	0	-	0	-	0	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 ERCOT PEAK	ERE	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	46	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	77	-100.0%	0	-	0	77	-100.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWA	I1	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWA	I6	0	0	-	3,816	-100.0%	0	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	116	21.5	440.4%	0	-	116	21.5	440.4%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	155	221.7	-30.1%	81.8	89.4%	155	221.7	-30.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL RDAM B	KR	30	42.95	-29.5%	8.55	254.2%	30	42.95	-29.5%

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EURO 3.5% FUEL OIL SPREAD	FK	5	39.85	-88.1%	0	-	5	39.85	-88.1%
EURO-DENOMINATED PETRO PROD	NCP	0	25	-100.0%	0	-	0	25	-100.0%
EURO GASOIL 10PPM VS ICE	ET	9	8.4	11.1%	0	-	9	8.4	11.1%
EUROPE 1% FUEL OIL NWE CA	UF	7	10.2	-32.8%	2.8	144.9%	7	10.2	-32.8%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-	0	0	-
EUROPE 3.5% FUEL OIL MED	UI	5	39.1	-86.0%	2.15	154.7%	5	39.1	-86.0%
EUROPE 3.5% FUEL OIL RDAM	UV	377	619.6	-39.1%	365.45	3.3%	377	619.6	-39.1%
EUROPEAN GASOIL (ICE)	7F	6	124.25	-95.2%	30.05	-80.0%	6	124.25	-95.2%
EUROPEAN NAPHTHA BALMO	KZ	17	21.3	-18.8%	13.35	29.5%	17	21.3	-18.8%
EUROPEAN NAPHTHA CRACK SPR	EN	718	453.05	58.4%	270.8	165.0%	718	453.05	58.4%
EUROPE DATED BRENT SWAP	UB	0	2.1	-100.0%	0	-	0	2.1	-100.0%
EUROPE JET KERO NWE CALSW	UJ	1	0	-	0	-	1	0	-
EUROPE NAPHTHA CALSWAP	UN	263	138.15	90.1%	111.7	135.1%	263	138.15	90.1%
EURO PROPANE CIF ARA SWA	PS	125	72.9	71.3%	51.8	141.1%	125	72.9	71.3%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-	0	0	-
FREIGHT MARKETS	FLP	8	6.25	24.2%	8.75	-11.3%	8	6.25	24.2%
FREIGHT MARKETS	FRC	5	0	-	0	-	5	0	-
FREIGHT MARKETS	FRS	0	0	-	2.5	-100.0%	0	0	-
FREIGHT MARKETS	T2D	22	0	-	0	-	22	0	-
FREIGHT MARKETS	TC6	11	0	-	0	-	11	0	-
FUEL OIL CRACK VS ICE	FO	187	172.55	8.2%	81.55	129.0%	187	172.55	8.2%
FUEL OIL NWE CRACK VS ICE	FI	7	0	-	0	-	7	0	-
FUEL OIL (PLATS) CAR CM	1W	5	0	-	0	-	5	0	-
FUEL OIL (PLATS) CAR CN	1X	2	0	-	0	-	2	0	-
FUELOIL SWAP:CARGOES VS.B	FS	19	20.75	-8.7%	5.6	238.4%	19	20.75	-8.7%
GAS EURO-BOB OXY NWE BARGES	7H	491	401.25	22.4%	178.25	175.5%	491	401.25	22.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,478	1,058.15	39.7%	730.55	102.3%	1,478	1,058.15	39.7%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-	0	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	1	-100.0%	0	-	0	1	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	3	-92.1%	0	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	1	1.25	-4.8%	0.75	58.7%	1	1.25	-4.8%
GASOIL 10P CRG CIF NW VS	3V	0	0	-	0	-	0	0	-
GASOIL 10PPM VS ICE SWAP	TP	0	9.75	-100.0%	0	-	0	9.75	-100.0%
GASOIL BULLET SWAP	BG	0	0	-	16.5	-100.0%	0	0	-

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<b>Energy Futures</b>									
GASOIL CALENDAR SWAP	GX	0	0.6	-100.0%	0	-	0	0.6	-100.0%
GASOIL CRACK SPREAD CALEN	GZ	658	449.4	46.5%	119.7	450.0%	658	449.4	46.5%
GASOIL MINI CALENDAR SWAP	QA	19	6.8	181.5%	7.2	165.9%	19	6.8	181.5%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-	0	0	-
GRP THREE ULSD(PLT)VS HEA	A6	223	138.95	60.4%	269.5	-17.3%	223	138.95	60.4%
GRP THREE UNL GS (PLT) VS	A8	106	22.2	377.7%	75.25	40.9%	106	22.2	377.7%
GULF COAST 3% FUEL OIL BA	VZ	157	15.55	906.6%	212.75	-26.4%	157	15.55	906.6%
GULF COAST JET FUEL CLNDR	GE	3	5.5	-45.5%	14.1	-78.7%	3	5.5	-45.5%
GULF COAST JET VS NYM 2 H	ME	2,171	2,157.45	0.6%	1,250.4	73.6%	2,171	2,157.45	0.6%
GULF COAST NO.6 FUEL OIL	MF	3,445	3,491.35	-1.3%	2,963.2	16.3%	3,445	3,491.35	-1.3%
GULF COAST NO.6 FUEL OIL	MG	88	182	-51.8%	86.5	1.3%	88	182	-51.8%
GULF COAST ULSD CALENDAR	LY	18	20.25	-10.6%	18.95	-4.5%	18	20.25	-10.6%
GULF COAST ULSD CRACK SPR	GY	36	0	-	0	-	36	0	-
HEATING OIL BALMO CLNDR S	1G	1	0	-	11.35	-92.0%	1	0	-
HEATING OIL PHY	HOL	0	0	-	0	-	0	0	-
HENRY HUB BASIS SWAP	HB	219	287	-23.8%	0	-	219	287	-23.8%
HENRY HUB FINANCIAL LAST	NBP	57	0	-	53.45	7.0%	57	0	-
HENRY HUB FINANCIAL LAST	TTE	6	0	-	14.7	-61.1%	6	0	-
HENRY HUB INDEX SWAP FUTU	IN	219	315	-30.6%	0	-	219	315	-30.6%
HENRY HUB SWAP	NN	11,586	7,304.95	58.6%	11,261.55	2.9%	11,586	7,304.95	58.6%
HOUSTON SHIP CHANNEL BASI	NH	0	0	-	0	-	0	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	DB	686	589.6	16.4%	113.35	505.4%	686	589.6	16.4%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-	0	0	-
IN DELIVERY MONTH EUA	6T	0	0	-	0	-	0	0	-
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	-
INDIANA MISO	PTD	0	0	-	0	-	0	0	-
INDONESIAN COAL	MCC	0	0	-	0	-	0	0	-
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	NI	0	0.5	-100.0%	0	-	0	0.5	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	15	37.35	-59.2%	37.75	-59.6%	15	37.35	-59.2%
JAPAN C&F NAPHTHA SWAP	JA	124	59.1	109.0%	81.7	51.2%	124	59.1	109.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	2.5	-100.0%	0.4	-100.0%	0	2.5	-100.0%

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<b>Energy Futures</b>									
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	JC	11	3.5	219.7%	3.5	219.7%	11	3.5	219.7%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-	0	0	-
JET FUEL CRG CIF NEW VS I	6X	0	0.5	-100.0%	0	-	0	0.5	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	412	268.9	53.2%	222.25	85.3%	412	268.9	53.2%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	KL	10	13.75	-30.7%	5	90.5%	10	13.75	-30.7%
LA CARBOB GASOLINE(OPIS)S	JL	55	12.5	338.1%	22.5	143.4%	55	12.5	338.1%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-	0	0	-
LA JET (OPIS) SWAP	JS	108	137.25	-21.1%	62.75	72.6%	108	137.25	-21.1%
LLS (ARGUS) VS WTI SWAP	WJ	202	321.75	-37.3%	451.5	-55.3%	202	321.75	-37.3%
MARS (ARGUS) VS WTI SWAP	YX	367	242.3	51.5%	126	191.4%	367	242.3	51.5%
MARS (ARGUS) VS WTI TRD M	YV	2,630	1,076.8	144.2%	1,264.5	107.9%	2,630	1,076.8	144.2%
MARS BLEND CRUDE OIL	MB	31	175.85	-82.1%	160.45	-80.4%	31	175.85	-82.1%
MCCLOSKEY ARA ARGS COAL	MTF	1,028	3,859	-73.4%	954.9	7.7%	1,028	3,859	-73.4%
MCCLOSKEY RCH BAY COAL	MFF	164	533.5	-69.3%	128.2	27.9%	164	533.5	-69.3%
MGF FUT	MGF	4	0	-	0	-	4	0	-
MGN1 SWAP FUT	MGN	5	9.85	-51.7%	2.6	83.2%	5	9.85	-51.7%
MICHIGAN BASIS	NF	0	129.6	-100.0%	0	-	0	129.6	-100.0%
MICHIGAN MISO	HMO	0	0	-	0	-	0	0	-
MICHIGAN MISO	HMW	0	0	-	0	-	0	0	-
MINI GAS EUROBOB OXY NWE ARGS BALM	MEB	17	23.35	-25.4%	33.4	-47.8%	17	23.35	-25.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	6	35.8	-84.0%	6	-4.8%	6	35.8	-84.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	90	143.55	-37.0%	70.6	28.2%	90	143.55	-37.0%
MJC FUT	MJC	16	4	292.9%	11.75	33.7%	16	4	292.9%
MNC FUT	MNC	171	189.35	-9.7%	92.25	85.3%	171	189.35	-9.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	1,241	2,383.25	-47.9%	736.7	68.5%	1,241	2,383.25	-47.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	12	49.5	-75.9%	16.75	-28.9%	12	49.5	-75.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	7,498	5,309.05	41.2%	5,026.1	49.2%	7,498	5,309.05	41.2%
MONT BELVIEU LDH PROPANE OPIS BALM	8O	315	168.35	86.8%	75.1	318.8%	315	168.35	86.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	608	402.65	50.9%	1,085	-44.0%	608	402.65	50.9%
MONT BELVIEU NATURAL GASOLINE BALM	R0	28	42.3	-33.0%	16.15	75.4%	28	42.3	-33.0%
MONT BELVIEU NORMAL BUTANE 5 DECIM	D0	1,315	1,437.5	-8.5%	938.7	40.1%	1,315	1,437.5	-8.5%
MONT BELVIEU NORMAL BUTANE BALMO	8J	76	61.2	24.6%	34.8	119.1%	76	61.2	24.6%
NAT GAS BASIS SWAP	TZ6	0	21.4	-100.0%	0	-	0	21.4	-100.0%
NATURAL GAS	XIC	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
NATURAL GAS FIXED PRICE SWAP FUTURE	DSF	0	0	-	0	-	0	0	-
NATURAL GAS INDEX	TZI	0	2.8	-100.0%	0	-	0	2.8	-100.0%
NATURAL GAS PEN SWP	NP	3,220	6,071.45	-47.0%	2,378.6	35.4%	3,220	6,071.45	-47.0%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-	0	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	H2	2,949	0	-	0	-	2,949	0	-
NEPOOL INTR HUB 5MW D AH	U6	152	5	2942.9%	0	-	152	5	2942.9%
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	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 W CNT MASS 5MW D A	L9	0	0	-	0	-	0	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	EZ	53	45.75	15.5%	78.5	-32.7%	53	45.75	15.5%
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	19	0	-	0	-	19	0	-
NGPL TEX/OK	PD	331	0	-	0	-	331	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	2	61.75	-96.1%	5	-52.4%	2	61.75	-96.1%
NORTHERN NATURAL GAS DEMAR	PE	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	PF	5	0	-	0	-	5	0	-
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	XR	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	VR	110	231.4	-52.4%	119	-7.4%	110	231.4	-52.4%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-	0	0	-
NY 3.0% FUEL OIL (PLATTS	H1	8	43.75	-81.0%	7.5	11.1%	8	43.75	-81.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	MP	32	86.35	-63.1%	62.75	-49.2%	32	86.35	-63.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	32.9	-100.0%	0	-	0	32.9	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	70	167.5	-58.1%	124.05	-43.4%	70	167.5	-58.1%
NYH NO 2 CRACK SPREAD CAL	HK	41	177.05	-76.6%	10.5	294.6%	41	177.05	-76.6%
NYISO A	KA	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
NYISO A OFF-PEAK	KB	0	0	-	0	-	0	0	-
NYISO CAPACITY	LHV	6	3	90.5%	0	-	6	3	90.5%
NYISO CAPACITY	NNC	1	10.4	-86.3%	0	-	1	10.4	-86.3%
NYISO CAPACITY	NRS	0	4.2	-100.0%	0	-	0	4.2	-100.0%
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	-
NYISO J OFF-PEAK	KK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	K4	0	468	-100.0%	0	-	0	468	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	302	-100.0%	21	-100.0%	0	302	-100.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	D2	0	3,598	-100.0%	467.2	-100.0%	0	3,598	-100.0%
NYISO ZONE G 5MW D AH PK	T3	20	371.75	-94.6%	153.2	-86.9%	20	371.75	-94.6%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-	0	0	-
NYISO ZONE J 5MW D AH PK	D3	0	10	-100.0%	127.5	-100.0%	0	10	-100.0%
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	272.75	-100.0%	0	-	0	272.75	-100.0%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OFM	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	OPD	0	4.25	-88.8%	0.25	90.5%	0	4.25	-88.8%
ONTARIO POWER SWAPS	OPM	0	5	-100.0%	0	-	0	5	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	2.4	-100.0%	0	-	0	2.4	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-	0	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-	0	0	-
PETROCHEMICALS	22	3	5.3	-36.2%	12.1	-72.1%	3	5.3	-36.2%
PETROCHEMICALS	32	8	11.45	-28.5%	4	104.8%	8	11.45	-28.5%
PETROCHEMICALS	51	0	0	-	0	-	0	0	-
PETROCHEMICALS	8I	10	12.7	-18.6%	23.75	-56.5%	10	12.7	-18.6%
PETROCHEMICALS	91	31	14.5	113.8%	20.35	52.3%	31	14.5	113.8%
PETROCHEMICALS	HPE	0	0	-	0	-	0	0	-
PETROCHEMICALS	JKM	13	0	-	29.75	-57.6%	13	0	-
PETROCHEMICALS	MAC	0	0	-	0	-	0	0	-
PETROCHEMICALS	MAE	3	0	-	3.5	-4.8%	3	0	-

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<b>Energy Futures</b>									
PETROCHEMICALS	MAS	5	2.75	73.2%	1.5	217.5%	5	2.75	73.2%
PETROCHEMICALS	MBE	67	79.5	-16.1%	6.5	925.6%	67	79.5	-16.1%
PETROCHEMICALS	MNB	82	53.5	54.0%	36.65	124.8%	82	53.5	54.0%
PETROCHEMICALS	MPS	3	0	-	4	-16.7%	3	0	-
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	5.25	-100.0%	0	-	0	5.25	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	10	-100.0%	0	-	0	10	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	17	0	-	39.6	-57.4%	17	0	-
PETRO CRCKS & SPRDS NA	CRB	29	28.75	1.9%	17.5	67.3%	29	28.75	1.9%
PETRO CRCKS & SPRDS NA	EXR	146	190.55	-23.1%	90.4	62.0%	146	190.55	-23.1%
PETRO CRCKS & SPRDS NA	FOC	10	56.25	-83.1%	33.75	-71.8%	10	56.25	-83.1%
PETRO CRCKS & SPRDS NA	GBB	58	47.5	22.8%	32.5	79.5%	58	47.5	22.8%
PETRO CRCKS & SPRDS NA	GCC	19	0	-	0	-	19	0	-
PETRO CRCKS & SPRDS NA	GCI	155	103.4	50.3%	36.5	325.7%	155	103.4	50.3%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	GCU	726	605.65	19.9%	378.6	91.8%	726	605.65	19.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	1	-100.0%	0	0	-
PETRO CRCKS & SPRDS NA	HOB	47	128.7	-63.6%	104.85	-55.3%	47	128.7	-63.6%
PETRO CRCKS & SPRDS NA	KSD	0	3.75	-100.0%	0	-	0	3.75	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	NYF	0	15	-100.0%	0	-	0	15	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-	0	0	-
PETRO CRCKS & SPRDS NA	RBB	289	529.85	-45.5%	101.95	183.2%	289	529.85	-45.5%
PETRO CRCKS & SPRDS NA	RVG	944	798.55	18.2%	390.45	141.7%	944	798.55	18.2%
PETRO CRCKS & SPRDS NA	SF3	1	0.3	138.1%	0	-	1	0.3	138.1%
PETRO CRK&SPRD EURO	1NB	69	101.05	-31.9%	39	76.4%	69	101.05	-31.9%
PETRO CRK&SPRD EURO	1ND	0	0	-	5	-100.0%	0	0	-
PETRO CRK&SPRD EURO	43	22	13.3	67.6%	6.15	262.4%	22	13.3	67.6%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	BOB	110	149.5	-26.2%	36.8	199.7%	110	149.5	-26.2%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EGN	0	0	-	0	-	0	0	-
PETRO CRK&SPRD EURO	EOB	4	0	-	0	-	4	0	-
PETRO CRK&SPRD EURO	EPN	57	20.7	174.4%	35.45	60.3%	57	20.7	174.4%
PETRO CRK&SPRD EURO	EVC	124	197.05	-37.0%	145.7	-14.7%	124	197.05	-37.0%
PETRO CRK&SPRD EURO	GCB	8	7.5	11.1%	0	-	8	7.5	11.1%

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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	GOC	2	1.5	42.9%	0	-	2	1.5	42.9%
PETRO CRK&SPRD EURO	MGB	0	2	-100.0%	0	-	0	2	-100.0%
PETRO CRK&SPRD EURO	MUD	1	6.2	-84.6%	0.6	58.7%	1	6.2	-84.6%
PETRO CRK&SPRD EURO	NBB	1	0.5	138.1%	0.25	376.2%	1	0.5	138.1%
PETRO CRK&SPRD EURO	NOB	105	50.25	109.6%	47.35	122.5%	105	50.25	109.6%
PETRO CRK&SPRD EURO	SFB	0	6.25	-100.0%	0	-	0	6.25	-100.0%
PETROLEUM PRODUCTS	EWB	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	EWG	386	231	67.1%	124.8	209.3%	386	231	67.1%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MME	0	0	-	0	-	0	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0.9	-100.0%	0	0	-
PETROLEUM PRODUCTS	VU	0	24.45	-100.0%	10.45	-100.0%	0	24.45	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	2	0.75	154.0%	0	-	2	0.75	154.0%
PETROLEUM PRODUCTS ASIA	MJN	168	80.85	107.9%	71.9	133.7%	168	80.85	107.9%
PETROLEUM PRODUCTS ASIA	MSB	0	0.25	-100.0%	0	-	0	0.25	-100.0%
PETRO OUTRIGHT EURO	0B	1	2.15	-55.7%	0	-	1	2.15	-55.7%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	0D	50	167.25	-70.4%	59.85	-17.2%	50	167.25	-70.4%
PETRO OUTRIGHT EURO	0E	0	49.75	-100.0%	1.65	-100.0%	0	49.75	-100.0%
PETRO OUTRIGHT EURO	0F	25	48.25	-48.2%	19.2	30.2%	25	48.25	-48.2%
PETRO OUTRIGHT EURO	1T	1	0	-	0	-	1	0	-
PETRO OUTRIGHT EURO	33	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	5L	0	8.2	-94.2%	0	-	0	8.2	-94.2%
PETRO OUTRIGHT EURO	63	1	7	-86.4%	4.1	-76.8%	1	7	-86.4%
PETRO OUTRIGHT EURO	6L	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	7I	3	15.85	-80.8%	2.5	21.9%	3	15.85	-80.8%
PETRO OUTRIGHT EURO	7R	18	16.2	9.9%	7.6	134.3%	18	16.2	9.9%
PETRO OUTRIGHT EURO	88	2	0	-	0	-	2	0	-
PETRO OUTRIGHT EURO	CBB	1	0.25	281.0%	0	-	1	0.25	281.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	CPB	30	29.65	2.8%	33.95	-10.2%	30	29.65	2.8%
PETRO OUTRIGHT EURO	EFF	0	1.25	-100.0%	0.65	-100.0%	0	1.25	-100.0%
PETRO OUTRIGHT EURO	EFM	0	4.75	-100.0%	0	-	0	4.75	-100.0%
PETRO OUTRIGHT EURO	ENS	0	0	-	12	-96.0%	0	0	-
PETRO OUTRIGHT EURO	ESB	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	EWN	56	41.85	33.6%	39.4	41.9%	56	41.85	33.6%
PETRO OUTRIGHT EURO	FBD	0	1	-100.0%	0	-	0	1	-100.0%
PETRO OUTRIGHT EURO	MBB	2	3	-36.5%	0	-	2	3	-36.5%
PETRO OUTRIGHT EURO	MBN	61	26	133.5%	30	102.4%	61	26	133.5%
PETRO OUTRIGHT EURO	SMU	4	0	-	0	-	4	0	-
PETRO OUTRIGHT EURO	T0	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	ULB	0	18.75	-100.0%	0	-	0	18.75	-100.0%
PETRO OUTRIGHT EURO	V0	23	3.75	509.5%	0	-	23	3.75	509.5%
PETRO OUTRIGHT NA	FCB	6	0	-	0	-	6	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JE	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	JET	90	321.3	-72.0%	36	150.0%	90	321.3	-72.0%
PETRO OUTRIGHT NA	JTB	24	0	-	6.25	281.0%	24	0	-
PETRO OUTRIGHT NA	MBL	0	0.9	-100.0%	0	-	0	0.9	-100.0%
PETRO OUTRIGHT NA	MEN	5	48.1	-90.0%	5.25	-8.4%	5	48.1	-90.0%
PETRO OUTRIGHT NA	MEO	195	479.55	-59.3%	156.15	25.0%	195	479.55	-59.3%
PETRO OUTRIGHT NA	MFD	0	0	-	2.2	-100.0%	0	0	-
PETRO OUTRIGHT NA	MMF	0	8.4	-95.5%	1.2	-68.3%	0	8.4	-95.5%
PETRO OUTRIGHT NA	NYT	0	0	-	0	-	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	12,151.25	-100.0%	0	-	0	12,151.25	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	243	649.5	-62.6%	0	-	243	649.5	-62.6%
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	-	0	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-	0	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	1,929.5	-100.0%	0	-	0	1,929.5	-100.0%
PJM COMED 5MW D AH PK	D8	0	106.25	-100.0%	0	-	0	106.25	-100.0%
PJM DAILY	JD	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	R7	0	7,416.75	-100.0%	0	-	0	7,416.75	-100.0%
PJM DAYTON DA PEAK	D7	0	76.5	-100.0%	0	-	0	76.5	-100.0%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>									
PJM NI HUB 5MW REAL TIME	B3	243	839.75	-71.1%	0	-	243	839.75	-71.1%
PJM NI HUB 5MW REAL TIME	B6	0	34,329.5	-100.0%	0	-	0	34,329.5	-100.0%
PJM NILL DA OFF-PEAK	L3	0	7,211.1	-100.0%	0	-	0	7,211.1	-100.0%
PJM NILL DA PEAK	N3	0	383.75	-100.0%	0	-	0	383.75	-100.0%
PJM OFF-PEAK LMP SWAP FUT	JP	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	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	E4	2,229	0	-	0	-	2,229	0	-
PJM WESTHDA PEAK	J4	121	0	-	0	-	121	0	-
PJM WESTH RT OFF-PEAK	N9	2,229	14,652	-84.8%	1,168	90.8%	2,229	14,652	-84.8%
PJM WESTH RT PEAK	L1	602	1,098.25	-45.2%	736.25	-18.2%	602	1,098.25	-45.2%
PLASTICS	PGP	16	23	-31.3%	14	12.9%	16	23	-31.3%
PREMIUM UNLND 10P FOB MED	3G	13	5.45	129.8%	2.5	401.0%	13	5.45	129.8%
PREMIUM UNLEAD 10PPM FOB	8G	4	0.3	1249.2%	0	-	4	0.3	1249.2%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-	0	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-	0	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	12	90.2	-86.3%	16.25	-23.8%	12	90.2	-86.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	264	670.35	-60.7%	426.5	-38.2%	264	670.35	-60.7%
RBOB CALENDAR SWAP	RL	198	563	-64.9%	194.05	1.8%	198	563	-64.9%
RBOB CRACK SPREAD	RM	77	42.7	80.1%	27.75	177.1%	77	42.7	80.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	11	70.75	-84.8%	94	-88.6%	11	70.75	-84.8%
RBOB PHY	RBL	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	RH	19	137.5	-86.1%	32.5	-41.4%	19	137.5	-86.1%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-	0	0	-
SINGAPORE 180CST BALMO	BS	3	0	-	4.5	-36.5%	3	0	-
SINGAPORE 380CST BALMO	BT	3	3.45	-24.1%	8.25	-68.3%	3	3.45	-24.1%
SINGAPORE 380CST FUEL OIL	SE	301	873.6	-65.5%	535.1	-43.7%	301	873.6	-65.5%
SINGAPORE FUEL 180CST CAL	UA	35	71.4	-51.4%	36.65	-5.3%	35	71.4	-51.4%
SINGAPORE FUEL OIL SPREAD	SD	13	60.3	-78.3%	4.75	175.7%	13	60.3	-78.3%
SINGAPORE GASOIL	MTB	3	11.9	-71.2%	1.95	75.8%	3	11.9	-71.2%
SINGAPORE GASOIL	MTS	213	229.95	-7.4%	249.85	-14.8%	213	229.95	-7.4%
SINGAPORE GASOIL	STZ	180	5	3495.2%	16.15	1013.1%	180	5	3495.2%

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<b>Energy Futures</b>									
SINGAPORE GASOIL CALENDAR	GDH	2	0	-	0	-	2	0	-
SINGAPORE GASOIL CALENDAR	GDL	12	0	-	0	-	12	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	3	-100.0%	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	5	0	-	6.5	-19.4%	5	0	-
SINGAPORE GASOIL CALENDAR	MSG	173	9.2	1783.5%	7	2375.5%	173	9.2	1783.5%
SINGAPORE GASOIL CALENDAR	SGG	11	0	-	8.4	27.6%	11	0	-
SINGAPORE GASOIL SWAP	SG	589	544.35	8.1%	82.7	611.6%	589	544.35	8.1%
SINGAPORE GASOIL VS ICE	GA	1,476	484.75	204.5%	30.9	4677.3%	1,476	484.75	204.5%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-	0	0	-
SINGAPORE JET KERO GASOIL	RK	380	184.5	106.0%	21.25	1688.2%	380	184.5	106.0%
SINGAPORE JET KEROSENE SW	KS	50	61.6	-18.8%	0	-	50	61.6	-18.8%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	1	0	-	0	-	1	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	31	1.25	2395.2%	14	122.8%	31	1.25	2395.2%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,117	825.1	35.3%	188	493.9%	1,117	825.1	35.3%
SING FUEL	MSD	0	0.5	-100.0%	0	-	0	0.5	-100.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-	0	0	-
SONAT BASIS SWAP FUTURE	SZ	0	0	-	0	-	0	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-	0	0	-
Sumas Basis Swap	NK	0	24.4	-100.0%	0	-	0	24.4	-100.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	TM	6	0	-	7	-18.4%	6	0	-
TC5 RAS TANURA TO YOKOHAM	TH	3	0	-	3.75	-30.2%	3	0	-
TCO BASIS SWAP	TC	0	7.55	-100.0%	0	-	0	7.55	-100.0%
TCO NG INDEX SWAP	Q1	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	TL	13	0	-	18	-26.2%	13	0	-
TENNESSEE 500 LEG BASIS S	NM	0	0	-	0	-	0	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	0	-	0	-	0	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-	0	0	-
TETCO M-3 INDEX	IX	0	0	-	0	-	0	0	-
Tetco STX Basis	TX	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	NX	0	334.55	-100.0%	0	-	0	334.55	-100.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-	0	0	-
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	-	0	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	199.5	-100.0%	0	-	0	199.5	-100.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-	0	0	-

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### Energy Futures

TRANSCO ZONE 6 BASIS SWAP	NZ	0	107	-100.0%	0	-	0	107	-100.0%
TRANSCO ZONE 6 INDEX	IT	0	0	-	0	-	0	0	-
UCM FUT	UCM	1	1	42.9%	0	-	1	1	42.9%
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-	0	0	-
ULSD 10PPM CIF NW BALMO S	B1	0	0	-	0	-	0	0	-
ULSD UP-DOWN BALMO SWP	1L	313	380.25	-17.7%	452.5	-30.9%	313	380.25	-17.7%
UP DOWN GC ULSD VS NMX HO	LT	2,467	2,808.6	-12.1%	1,745.9	41.3%	2,467	2,808.6	-12.1%
WAHA BASIS	NW	67	36.55	82.1%	36.15	84.2%	67	36.55	82.1%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-	0	0	-
WESTERN RAIL DELIVERY PRB	QP	0	9.75	-100.0%	0	-	0	9.75	-100.0%
WTI-BRENT BULLET SWAP	BY	0	10.2	-100.0%	12.5	-100.0%	0	10.2	-100.0%
WTI-BRENT CALENDAR SWAP	BK	2,475	766.95	222.7%	2,100.5	17.8%	2,475	766.95	222.7%
WTI CALENDAR	CS	2,268	2,022.85	12.1%	2,107.25	7.6%	2,268	2,022.85	12.1%
WTS (ARGUS) VS WTI SWAP	FF	516	257.7	100.1%	676	-23.7%	516	257.7	100.1%
WTS (ARGUS) VS WTI TRD MT	FH	0	77.5	-100.0%	0	-	0	77.5	-100.0%

### Energy Options

12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	0	-	0	0	-
BRENT CALENDAR SWAP	BA	54	0	-	0	-	54	0	-
BRENT CRUDE OIL 12 M CSO	9Y	95	0	-	0	-	95	0	-
BRENT OIL LAST DAY	BE	24	42.4	-43.8%	50	-52.4%	24	42.4	-43.8%
BRENT OIL LAST DAY	BZO	4,554	726.95	526.4%	3,724.05	22.3%	4,554	726.95	526.4%
BRENT OIL LAST DAY	OS	2	2.4	-20.6%	1	90.5%	2	2.4	-20.6%
COAL API2 INDEX	CLA	29	66.25	-56.2%	1.25	2223.8%	29	66.25	-56.2%
COAL API2 INDEX	CQA	7	1	614.3%	2.5	185.7%	7	1	614.3%
COAL API2 INDEX	MTC	0	2.5	-100.0%	0	-	0	2.5	-100.0%
COAL API4 INDEX	RLA	1	0	-	0	-	1	0	-
COAL API4 INDEX	RQA	3	0	-	0	-	3	0	-
COAL SWAP	CPF	0	4	-100.0%	0	-	0	4	-100.0%
COAL SWAP	RPF	0	2	-100.0%	0	-	0	2	-100.0%
CRUDE OIL 1MO	WA	11,165	10,154.1	10.0%	5,205.9	114.5%	11,165	10,154.1	10.0%
CRUDE OIL APO	AO	3,027	1,707.65	77.3%	4,744.65	-36.2%	3,027	1,707.65	77.3%
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-	0	0	-

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<b>Energy Options</b>									
CRUDE OIL OUTRIGHTS	DBP	0	0	-	0	-	0	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-	0	0	-
CRUDE OIL PHY	CD	67	70	-4.8%	8.75	661.9%	67	70	-4.8%
CRUDE OIL PHY	LC	808	797	1.4%	469.35	72.1%	808	797	1.4%
CRUDE OIL PHY	LO	181,012	152,311.95	18.8%	116,792.55	55.0%	181,012	152,311.95	18.8%
CRUDE OIL PHY	LO1	751	290.9	158.2%	224.05	235.2%	751	290.9	158.2%
CRUDE OIL PHY	LO2	717	213.7	235.6%	417.1	71.9%	717	213.7	235.6%
CRUDE OIL PHY	LO3	747	240.05	211.0%	388.1	92.4%	747	240.05	211.0%
CRUDE OIL PHY	LO4	672	320.7	109.5%	590.85	13.7%	672	320.7	109.5%
CRUDE OIL PHY	LO5	0	0	-	402.95	-100.0%	0	0	-
ELEC MISO PEAK	9T	0	0	-	0	-	0	0	-
ETHANOL	CE1	0	0.75	-100.0%	0	-	0	0.75	-100.0%
ETHANOL	CE3	0	0	-	0	-	0	0	-
ETHANOL SWAP	CVR	483	352	37.3%	301.3	60.4%	483	352	37.3%
ETHANOL SWAP	GVR	9	0	-	25.5	-66.4%	9	0	-
EUROPEAN JET KEROSENE NWE (PLATTS)	30	0	0	-	0	-	0	0	-
GASOLINE	GCE	0	0	-	0	-	0	0	-
HEATING OIL CRACK OPTIONS	CH	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE OPTION	3W	0	0	-	0	-	0	0	-
HEATING OIL PHY	LB	0	0	-	4.25	-100.0%	0	0	-
HEATING OIL PHY	OH	1,577	1,145.65	37.7%	1,912.65	-17.5%	1,577	1,145.65	37.7%
HENRY HUB FINANCIAL LAST	E7	429	196.7	118.3%	319.65	34.4%	429	196.7	118.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-	0	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-	0	0	-
LLS CRUDE OIL	YVO	0	0	-	0	-	0	0	-
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-	0	0	-
MCCLOSKEY RCH BAY COAL	MFO	14	0	-	13.75	3.9%	14	0	-
NATURAL GAS	G10	0	0	-	0	-	0	0	-
NATURAL GAS 1 M CSO FIN	G4	6,946	1,375	405.2%	2,801.1	148.0%	6,946	1,375	405.2%
NATURAL GAS 2 M CSO FIN	G2	0	25	-100.0%	170	-100.0%	0	25	-100.0%
NATURAL GAS 3 M CSO FIN	G3	48	46.25	3.1%	670	-92.9%	48	46.25	3.1%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-	0	0	-
NATURAL GAS 6 M CSO FIN	G6	698	297.5	134.5%	652.5	6.9%	698	297.5	134.5%
NATURAL GAS OPTION ON CALENDAR STR	6J	524	20	2520.0%	100	424.0%	524	20	2520.0%
NATURAL GAS PHY	KD	1,998	1,115.5	79.1%	3,083.65	-35.2%	1,998	1,115.5	79.1%
NATURAL GAS PHY	LN	200,736	131,727.55	52.4%	169,092.95	18.7%	200,736	131,727.55	52.4%

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Commodity		ADV JAN 2018	ADV JAN 2017	% CHG	ADV DEC 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
<b>Energy Options</b>									
NATURAL GAS PHY	ON	19,229	13,591.5	41.5%	18,114.65	6.1%	19,229	13,591.5	41.5%
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	AT	102	213.25	-52.1%	75.6	35.0%	102	213.25	-52.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	561.5	-100.0%	0	-	0	561.5	-100.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-	0	0	-
PETROCHEMICALS	4H	57	13.75	311.4%	9.75	480.2%	57	13.75	311.4%
PETROCHEMICALS	4J	0	91.25	-100.0%	7.5	-100.0%	0	91.25	-100.0%
PETROCHEMICALS	4K	0	0	-	0	-	0	0	-
PETROCHEMICALS	CPR	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	8H	0	0	-	0	-	0	0	-
PETRO OUTRIGHT NA	DAP	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	6OA	0	62	-100.0%	7	-100.0%	0	62	-100.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-	0	0	-
PJM WES HUB PEAK LMP 50MW	PMA	73	66.1	10.8%	22	232.9%	73	66.1	10.8%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	2.5	-100.0%	0	0	-
RBOB CALENDAR SWAP	RA	0	58	-100.0%	0	-	0	58	-100.0%
RBOB PHY	OB	723	807.8	-10.4%	526.95	37.3%	723	807.8	-10.4%
RBOB PHY	RF	0	2	-100.0%	0	-	0	2	-100.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-	0	0	-
SHORT TERM	U11	14	38.5	-62.9%	80.25	-82.2%	14	38.5	-62.9%
SHORT TERM	U12	5	29.75	-84.0%	6.8	-30.0%	5	29.75	-84.0%
SHORT TERM	U13	0	10	-100.0%	58	-100.0%	0	10	-100.0%
SHORT TERM	U14	0	0	-	17.5	-100.0%	0	0	-
SHORT TERM	U15	0	0	-	9.5	-100.0%	0	0	-
SHORT TERM	U22	49	0	-	27.25	79.1%	49	0	-
SHORT TERM	U23	9	18.5	-53.7%	0	-	9	18.5	-53.7%
SHORT TERM	U24	5	15	-68.3%	0	-	5	15	-68.3%
SHORT TERM	U25	0	5	-100.0%	0	-	0	5	-100.0%
SHORT TERM	U26	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U01	6	15	-60.3%	0	-	6	15	-60.3%
SHORT TERM NATURAL GAS	U02	0	0	-	15	-100.0%	0	0	-
SHORT TERM NATURAL GAS	U03	6	0	-	0	-	6	0	-
SHORT TERM NATURAL GAS	U04	12	3.75	217.5%	72.15	-83.5%	12	3.75	217.5%
SHORT TERM NATURAL GAS	U05	1	2.5	-52.4%	53.4	-97.8%	1	2.5	-52.4%

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<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U06	0	17.5	-100.0%	23.9	-100.0%	0	17.5	-100.0%
SHORT TERM NATURAL GAS	U07	0	0	-	8.75	-100.0%	0	0	-
SHORT TERM NATURAL GAS	U08	43	0	-	20.25	111.6%	43	0	-
SHORT TERM NATURAL GAS	U09	2	11.25	-78.4%	0	-	2	11.25	-78.4%
SHORT TERM NATURAL GAS	U10	5	80	-94.0%	0	-	5	80	-94.0%
SHORT TERM NATURAL GAS	U16	19	0	-	0	-	19	0	-
SHORT TERM NATURAL GAS	U17	10	45.25	-76.8%	0	-	10	45.25	-76.8%
SHORT TERM NATURAL GAS	U18	24	0	-	43.4	-45.1%	24	0	-
SHORT TERM NATURAL GAS	U19	3	40.25	-92.9%	39.25	-92.7%	3	40.25	-92.9%
SHORT TERM NATURAL GAS	U20	0	68.75	-100.0%	16.25	-100.0%	0	68.75	-100.0%
SHORT TERM NATURAL GAS	U21	0	0	-	21.5	-100.0%	0	0	-
SHORT TERM NATURAL GAS	U27	0	37.5	-100.0%	7.5	-100.0%	0	37.5	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	-	0	-	0	0	-
SHORT TERM NATURAL GAS	U29	5	0	-	7.5	-36.5%	5	0	-
SHORT TERM NATURAL GAS	U30	5	20.5	-76.8%	0	-	5	20.5	-76.8%
SHORT TERM NATURAL GAS	U31	1	21.5	-94.5%	0	-	1	21.5	-94.5%
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	BV	5,089	4,417	15.2%	2,948.8	72.6%	5,089	4,417	15.2%
WTI CRUDE OIL 1 M CSO FI	7A	3,645	2,615	39.4%	3,521.5	3.5%	3,645	2,615	39.4%

### Commodities and Alternative Investments Futures

COCOA TAS	CJ	0	0.3	-100.0%	0.25	-100.0%	0	0.3	-100.0%
COFFEE	KT	0	0	-	0	-	0	0	-
COTTON	TT	0	0.05	90.4%	0.05	90.4%	0	0.05	90.4%
SUGAR 11	YO	0	0.7	-100.0%	0	-	0	0.7	-100.0%

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<b>TOTAL FUTURES GROUP</b>								
Commodities and Alternative Investments Futures	0	1.05	-90.9%	0.3	-68.3%	0	1.05	-90.9%
Energy Futures	2,661,474	2,211,164.1	20.4%	2,041,545.85	30.4%	2,661,474	2,211,164.1	20.4%
Metals Futures	706,947	484,464	45.9%	484,722.75	45.8%	706,947	484,464	45.9%
<b>TOTAL FUTURES</b>	<b>3,368,421</b>	<b>2,695,629.15</b>	<b>25.0%</b>	<b>2,526,268.9</b>	<b>33.3%</b>	<b>3,368,421</b>	<b>2,695,629.15</b>	<b>25.0%</b>
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	446,340	326,235.1	36.8%	337,934.75	32.1%	446,340	326,235.1	36.8%
Metals Options	56,434	40,696.2	38.7%	45,987.95	22.7%	56,434	40,696.2	38.7%
<b>TOTAL OPTIONS</b>	<b>502,774</b>	<b>366,931.3</b>	<b>37.0%</b>	<b>383,922.7</b>	<b>31.0%</b>	<b>502,773.76</b>	<b>366,931.3</b>	<b>37.0%</b>
<b>TOTAL COMBINED</b>								
Metals	763,381	525,160.2	45.4%	530,710.7	43.8%	763,381	525,160.2	45.4%
Energy	3,107,814	2,537,399.2	22.5%	2,379,480.6	30.6%	3,107,814	2,537,399.2	22.5%
Commodities and Alternative Investments	0	1.05	-90.9%	0.3	-68.3%	0	1.05	-90.9%
<b>GRAND TOTAL</b>	<b>3,871,195</b>	<b>3,062,560.45</b>	<b>26.4%</b>	<b>2,910,191.6</b>	<b>33.0%</b>	<b>3,871,194.76</b>	<b>3,062,560.45</b>	<b>26.4%</b>