



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2016	VOLUME DEC 2015	% CHG	VOLUME NOV 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	13	125	-89.6%	14	-7.1%	2,607	1,816	43.6%
COFFEE	KT	0	14	-100.0%	1	-100.0%	169	635	-73.4%
COTTON	TT	1	15	-93.3%	2	-50.0%	578	585	-1.2%
SUGAR 11	YO	0	218	-100.0%	3	-100.0%	418	1,570	-73.4%
Energy Futures									
CRUDE OIL PHY	CL	23,980,985	18,063,524	32.8%	27,374,621	-12.4%	276,768,438	202,202,392	36.9%
CRUDE OIL	WS	8,500	6,338	34.1%	3,039	179.7%	94,928	201,068	-52.8%
MINY WTI CRUDE OIL	QM	228,651	229,374	-0.3%	303,394	-24.6%	3,380,972	3,149,495	7.3%
BRENT OIL LAST DAY	BZ	2,098,275	2,106,816	-0.4%	2,534,063	-17.2%	23,713,109	26,251,078	-9.7%
HEATING OIL PHY	HO	3,317,707	3,470,111	-4.4%	3,518,657	-5.7%	39,389,349	36,947,020	6.6%
HTG OIL	BH	76	1,930	-96.1%	76	0.0%	5,578	2,146	159.9%
MINY HTG OIL	QH	5	10	-50.0%	5	0.0%	105	98	7.1%
RBOB PHY	RB	3,221,479	3,365,617	-4.3%	3,844,730	-16.2%	45,428,663	40,302,099	12.7%
MINY RBOB GAS	QU	2	6	-66.7%	4	-50.0%	51	57	-10.5%
NATURAL GAS	HP	133,439	152,245	-12.4%	155,285	-14.1%	1,574,185	1,067,919	47.4%
LTD NAT GAS	HH	390,903	319,532	22.3%	247,318	58.1%	2,958,345	2,897,566	2.1%
MINY NATURAL GAS	QG	48,392	32,852	47.3%	36,825	31.4%	338,981	330,199	2.7%
PJM MONTHLY	JM	0	444	-100.0%	48	-100.0%	2,946	7,366	-60.0%
NATURAL GAS PHY	NG	9,802,943	7,983,984	22.8%	9,073,260	8.0%	97,480,591	81,772,492	19.2%
RBOB GAS	RT	2,176	5,416	-59.8%	4,022	-45.9%	19,381	18,062	7.3%
3.5% FUEL OIL CID MED SWA	7D	326	309	5.5%	315	3.5%	3,291	896	267.3%
3.5% FUEL OIL CIF BALMO S	8D	90	0	0.0%	30	200.0%	397	153	159.5%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0.0%	240	662	-63.7%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	0	942	-100.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0.0%	6,224	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	54	-100.0%	56	-100.0%	8,161	1,419	475.1%
ANR LOUISIANA BASIS SWAP	ND	124	0	0.0%	121	2.5%	245	2,996	-91.8%
ANR OKLAHOMA	NE	0	972	-100.0%	302	-100.0%	4,787	11,514	-58.4%
APPALACHIAN COAL (PHY)	QL	0	70	-100.0%	0	0.0%	130	2,651	-95.1%
ARGUS LLS VS. WTI (ARG) T	E5	8,663	14,578	-40.6%	11,132	-22.2%	144,567	98,118	47.3%
ARGUS PROPAN FAR EST INDE	7E	1,035	887	16.7%	1,620	-36.1%	18,219	5,791	214.6%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO)	9N	596	889	-33.0%	648	-8.0%	10,114	7,128	41.9%
AUSTRIALIAN COKE COAL	ALW	252	12	2,000.0%	542	-53.5%	4,821	1,890	155.1%
BRENT BALMO SWAP	J9	250	100	150.0%	76	228.9%	2,293	4,854	-52.8%
BRENT CALENDAR SWAP	CY	2,670	2,055	29.9%	419	537.2%	22,091	59,242	-62.7%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	0.0%	0	-	0	0	0.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	0	950	-100.0%
BRENT FINANCIAL FUTURES	BB	192	3,526	-94.6%	0	0.0%	3,094	73,795	-95.8%
BRENT FINANCIAL FUTURES	MBC	0	1,081	-100.0%	0	0.0%	1,424	1,114	27.8%
BRENT FINANCIAL FUTURES	MDB	0	60	-100.0%	0	0.0%	2,513	390	544.4%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	-	0	0.0%	17,930	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	0.0%	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	446	3,423	-87.0%	630	-29.2%	20,906	14,637	42.8%
CARBON EUA EMISSIONS EURO	RC	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	1,588	-100.0%	0	0.0%	13,180	22,747	-42.1%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0.0%	740	677	9.3%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	0.0%	0	0.0%	0	32	-100.0%
CHICAGO ETHANOL SWAP	CU	175,008	64,394	171.8%	140,457	24.6%	1,322,192	1,001,090	32.1%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	150	297	-49.5%	0	0.0%	2,888	4,402	-34.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	2,090	345	505.8%
CIG BASIS	CI	519	20,728	-97.5%	3,461	-85.0%	82,139	47,921	71.4%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	0.0%	1,054	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	60	630	-90.5%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	40	-100.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	23,480	-100.0%	322,440	178,560	80.6%
CIN HUB 5MW D AH PK	H5	1,164	982	18.5%	218	433.9%	22,142	10,579	109.3%
CIN HUB 5MW REAL TIME O P	H4	163,440	27,560	493.0%	59,040	176.8%	1,216,464	787,752	54.4%
CIN HUB 5MW REAL TIME PK	H3	1,790	1,519	17.8%	870	105.7%	68,221	20,718	229.3%
COAL SWAP	ACM	55	755	-92.7%	400	-86.3%	3,078	4,120	-25.3%
COAL SWAP	SSI	0	85	-100.0%	0	0.0%	187	3,162	-94.1%
COLUMB GULF MAINLINE NG B	5Z	0	1,138	-100.0%	121	-100.0%	22,041	25,715	-14.3%
COLUMBIA GULF MAIN NAT G	L2	0	930	-100.0%	0	0.0%	2,208	3,379	-34.7%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	0.0%	0	0.0%	0	488	-100.0%
COLUMBIA GULF ONSHORE	GL	868	930	-6.7%	0	0.0%	3,976	4,622	-14.0%

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Energy Futures									
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	0	307	-100.0%	30	-100.0%	1,691	1,032	63.9%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	165	0	0.0%	51	223.5%	2,760	1,964	40.5%
CONWAY PROPANE 5 DECIMALS SWAP	8K	8,073	5,638	43.2%	7,882	2.4%	88,313	55,695	58.6%
CRUDE OIL	CHB	0	0	-	0	0.0%	60	0	-
CRUDE OIL	LPS	3,922	3,912	0.3%	5,373	-27.0%	57,915	30,548	89.6%
CRUDE OIL LAST DAY	26	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	37	0	0	-	0	0.0%	0	0	-
CRUDE OIL OUTRIGHTS	42	184	226	-18.6%	30	513.3%	1,195	12,032	-90.1%
CRUDE OIL OUTRIGHTS	CSW	120	0	-	565	-78.8%	2,305	0	-
CRUDE OIL OUTRIGHTS	DBL	0	1,920	-100.0%	0	0.0%	850	32,612	-97.4%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	235	-100.0%
CRUDE OIL OUTRIGHTS	GSW	60	0	-	80	-25.0%	230	0	-
CRUDE OIL OUTRIGHTS	HTT	6,987	0	-	2,025	245.0%	30,135	0	-
CRUDE OIL OUTRIGHTS	WCC	1,650	2,379	-30.6%	1,845	-10.6%	53,369	63,522	-16.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	675	300	125.0%
CRUDE OIL SPRDS	KE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	WTT	2,110	1,151	83.3%	6,005	-64.9%	45,727	7,543	506.2%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	2,720	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	8,020	-100.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	200	23,657	-99.2%
DATED TO FRONTLINE BRENT	FY	1,230	1,780	-30.9%	5,525	-77.7%	21,815	34,625	-37.0%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	0.0%	800	0	0.0%
DEMARCO SWING SWAP	DT	0	0	-	0	0.0%	62	0	-

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Energy Futures									
DIESEL 10P BRG FOB RDM VS	7X	100	0	0.0%	0	0.0%	225	10	2,150.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	0	0.0%
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	0.0%	60	0	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	31	-100.0%	20,026	2,561	682.0%
DOMINION TRANSMISSION INC	PG	6,397	15,703	-59.3%	12,618	-49.3%	230,295	88,076	161.5%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	275	100	175.0%
DUBAI CRUDE OIL CALENDAR	DC	6,630	3,202	107.1%	5,148	28.8%	30,297	47,226	-35.8%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	0	840	-100.0%
EASTERN RAIL DELIVERY CSX	QX	800	910	-12.1%	1,425	-43.9%	14,967	40,406	-63.0%
EAST/WEST FUEL OIL SPREAD	EW	30	5	500.0%	47	-36.2%	398	2,349	-83.1%
EIA FLAT TAX ONHWAY DIESE	A5	921	1,193	-22.8%	134	587.3%	11,593	9,440	22.8%
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I9	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	0	0	0.0%	0	0.0%	0	1,170	-100.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	ERU	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	0.0%	0	17,565	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	1,270	1,534	-17.2%
ELEC FINSETTLED	49	0	0	0.0%	0	0.0%	0	1,275	-100.0%
ELEC MISO PEAK	4L	215	0	0.0%	0	0.0%	215	1,530	-85.9%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	0	2,036	-100.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	5,796	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	0	37,600	-100.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	23,480	28,064	-16.3%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	11,680	-100.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0.0%	0	23,520	-100.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	0.0%	1,840	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	0.0%	5,390	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	0.0%	1,612	0	-
EMMISSIONS	CPL	0	0	0.0%	0	0.0%	0	500	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	4,704	-100.0%	0	0.0%	4,280	28,797	-85.1%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	255	-100.0%	0	0.0%	235	3,051	-92.3%

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ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,558	690	705.5%	5,504	1.0%	33,306	29,375	13.4%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	6	0	0.0%	10	-40.0%	241	131	84.0%
EURO 3.5% FUEL OIL M CRK	FL	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	1,059	222	377.0%	395	168.1%	4,754	6,365	-25.3%
EURO 3.5% FUEL OIL SPREAD	FK	735	885	-16.9%	2,859	-74.3%	9,548	10,806	-11.6%
EURO-DENOMINATED PETRO PROD	IBE	0	0	0.0%	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO PROD	MFE	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	756	10	7,460.0%	198	281.8%	1,112	2,687	-58.6%
EURO GASOIL 10 CAL SWAP	GT	0	3	-100.0%	0	0.0%	3	14	-78.6%
EURO GASOIL 10PPM VS ICE	ET	102	104	-1.9%	15	580.0%	796	1,064	-25.2%
EUROPE 1% FUEL OIL NWE CA	UF	80	145	-44.8%	13	515.4%	1,550	1,920	-19.3%
EUROPE 1% FUEL OIL RDAM C	UH	8	0	0.0%	0	0.0%	142	166	-14.5%
EUROPE 3.5% FUEL OIL MED	UI	489	309	58.3%	530	-7.7%	4,552	1,410	222.8%
EUROPE 3.5% FUEL OIL RDAM	UV	12,415	4,544	173.2%	10,529	17.9%	91,573	98,474	-7.0%
EUROPEAN GASOIL (ICE)	7F	11,179	347,546	-96.8%	11,141	0.3%	1,574,187	770,779	104.2%
EUROPEAN NAPHTHA BALMO	KZ	287	53	441.5%	273	5.1%	2,257	986	128.9%
EUROPEAN NAPHTHA CRACK SPR	EN	6,547	3,124	109.6%	10,537	-37.9%	69,363	77,928	-11.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	50	-100.0%	26,638	39,030	-31.7%
EUROPE JET KERO NWE CALSW	UJ	0	5	-100.0%	0	0.0%	38	499	-92.4%
EUROPE NAPHTHA CALSWAP	UN	1,816	957	89.8%	2,267	-19.9%	18,916	14,968	26.4%
EURO PROPANE CIF ARA SWA	PS	1,124	709	58.5%	1,685	-33.3%	15,813	4,938	220.2%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	0.0%	8,310	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	5,449	14,510	-62.4%
FREIGHT MARKETS	FLP	268	28	857.1%	304	-11.8%	2,557	764	234.7%
FREIGHT MARKETS	FRC	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	2,704	2,616	3.4%	4,666	-42.0%	51,192	44,483	15.1%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	32	306	-89.5%
FUEL OIL (PLATS) CAR CM	1W	150	0	0.0%	8	1,775.0%	1,279	264	384.5%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	54	206	-73.8%
FUELOIL SWAP:CARGOES VS.B	FS	190	198	-4.0%	625	-69.6%	4,029	4,656	-13.5%
GAS EURO-BOB OXY NWE BARGES	7H	5,234	6,292	-16.8%	8,423	-37.9%	82,333	80,515	2.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	18,496	24,371	-24.1%	17,515	5.6%	176,701	205,698	-14.1%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	6	10	-40.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	0.0%	0	5	-100.0%

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Energy Futures									
GASOIL 0.1 CIF MED SWAP	Z4	0	0.0%	20	-100.0%	95	50	90.0%	
GASOIL 0.1CIF MED VS ICE	Z5	0	-100.0%	5	-100.0%	195	246	-20.7%	
GASOIL 0.1 CIF NWE VS ISE	TU	0	0.0%	15	-100.0%	50	266	-81.2%	
GASOIL 0.1 CIF VS ICE GAS	8W	0	0.0%	0	0.0%	5	0	0.0%	
GASOIL 0.1 CRG CIF NW VS	4V	0	0.0%	0	0.0%	5	10	-50.0%	
GASOIL 0.1 RDAM BRGS VS I	WQ	0	-100.0%	0	0.0%	120	180	-33.3%	
GASOIL 0.1 ROTTERDAM BARG	VL	0	0.0%	0	0.0%	30	10	200.0%	
GASOIL 10P CRG CIF NW VS	3V	0	0.0%	0	0.0%	15	50	-70.0%	
GASOIL 10PPM CARGOES CIF	TY	0	-100.0%	0	0.0%	3	33	-90.9%	
GASOIL 10PPM VS ICE SWAP	TP	44	25.7%	9	388.9%	948	1,460	-35.1%	
GASOIL BULLET SWAP	BG	0	0.0%	0	-	0	0	0.0%	
GASOIL CALENDAR SWAP	GX	23	-20.7%	15	53.3%	352	263	33.8%	
GASOIL CRACK SPREAD CALEN	GZ	8,784	1,073	718.6%	6,089	44.3%	64,857	38,850	66.9%
GASOIL MINI CALENDAR SWAP	QA	144	105	37.1%	226	-36.3%	2,779	3,321	-16.3%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0.0%	0	-	0	0	0.0%	
GASOLINE UP-DOWN BALMO SW	1K	0	250	-100.0%	0	0.0%	810	6,145	-86.8%
GC ULSD VS GC JET SPREAD	VV	0	0.0%	0	0.0%	0	0	0.0%	
GROUP THREE ULSD (PLATTS)	A7	0	0.0%	0	0.0%	300	200	50.0%	
GRP THREE ULSD(PLT)VS HEA	A6	2,237	3,966	-43.6%	2,365	-5.4%	32,645	46,007	-29.0%
GRP THREE UNL GS (PLT) VS	A8	395	1,920	-79.4%	530	-25.5%	16,815	18,787	-10.5%
GULF COAST 3% FUEL OIL BA	VZ	985	493	99.8%	1,784	-44.8%	9,656	12,429	-22.3%
GULF COAST GASOLINE CLNDR	GS	0	1,200	-100.0%	0	0.0%	1,300	7,265	-82.1%
GULF COAST JET FUEL CLNDR	GE	120	0	0.0%	126	-4.8%	1,923	3,668	-47.6%
GULF COAST JET VS NYM 2 H	ME	35,357	35,021	1.0%	25,749	37.3%	388,487	269,633	44.1%
GULF COAST NO.6 FUEL OIL	MF	51,184	62,652	-18.3%	55,765	-8.2%	681,964	811,531	-16.0%
GULF COAST NO.6 FUEL OIL	MG	6,166	700	780.9%	2,782	121.6%	15,814	17,530	-9.8%
GULF COAST ULSD CALENDAR	LY	1,345	1,029	30.7%	299	349.8%	10,572	8,713	21.3%
GULF COAST ULSD CRACK SPR	GY	100	585	-82.9%	0	0.0%	6,981	3,960	76.3%
HEATING OIL BALMO CLNDR S	1G	0	60	-100.0%	19	-100.0%	479	1,814	-73.6%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	0.0%	20	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	2,005	7,580	-73.5%	9,813	-79.6%	200,555	147,869	35.6%
HENRY HUB INDEX SWAP FUTU	IN	2,418	7,580	-68.1%	8,806	-72.5%	181,858	111,082	63.7%
HENRY HUB SWAP	NN	358,426	436,032	-17.8%	407,413	-12.0%	5,002,282	5,330,807	-6.2%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	290	1,200	-75.8%

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Energy Futures									
HOUSTON SHIP CHANNEL BASI	NH	1,448	4,267	-66.1%	0	0.0%	31,848	48,495	-34.3%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0.0%	186	180	3.3%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	0.0%	0	4,073	-100.0%
ICE BRENT DUBAI SWAP	DB	11,082	2,830	291.6%	6,573	68.6%	33,163	12,540	164.5%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	1,250	4,350	-71.3%	4,490	-72.2%	37,241	104,603	-64.4%
INDIANA MISO	FAD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FDM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	0.0%	112	0	0.0%
INDIANA MISO	PDM	0	0	0.0%	0	0.0%	0	2,240	-100.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	60	-100.0%	0	0.0%	220	1,805	-87.8%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0.0%	20	20	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	573	97	490.7%	153	274.5%	4,944	3,237	52.7%
JAPAN C&F NAPHTHA SWAP	JA	1,715	714	140.2%	1,472	16.5%	15,520	11,776	31.8%
JAPAN NAPHTHA BALMO SWAP	E6	81	24	237.5%	30	170.0%	486	505	-3.8%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	41	-100.0%	0	0.0%	172	279	-38.4%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	22	15	46.7%
JET CIF NWE VS ICE	JC	100	161	-37.9%	0	0.0%	890	1,275	-30.2%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	2	40	-95.0%
JET FUEL CARGOES CIF NEW	F3	0	0	0.0%	0	-	0	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	30	47	-36.2%
JET FUEL UP-DOWN BALMO CL	1M	8,020	3,773	112.6%	6,650	20.6%	57,075	38,460	48.4%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	52	234	-77.8%
LA CARB DIESEL (OPIS) SWA	KL	627	625	0.3%	100	527.0%	7,904	7,666	3.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	525	-100.0%	0	0.0%	5,950	5,950	0.0%
LA JET FUEL VS NYM NO 2 H	MQ	30	50	-40.0%	0	0.0%	840	540	55.6%
LA JET (OPIS) SWAP	JS	900	585	53.8%	900	0.0%	22,112	10,820	104.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	4,280	3,916	9.3%	2,872	49.0%	71,223	110,156	-35.3%
MARS (ARGUS) VS WTI SWAP	YX	6,325	5,217	21.2%	6,939	-8.8%	54,086	74,060	-27.0%
MARS (ARGUS) VS WTI TRD M	YV	14,380	410	3,407.3%	7,851	83.2%	140,278	17,008	724.8%

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Energy Futures									
MARS BLEND CRUDE OIL	MB	939	0	-	2,832	-66.8%	19,795	0	-
MCCLOSKEY ARA ARGS COAL	MTF	49,614	134,817	-63.2%	104,385	-52.5%	1,793,838	2,131,742	-15.9%
MCCLOSKEY RCH BAY COAL	MFF	8,906	20,270	-56.1%	12,728	-30.0%	191,566	283,926	-32.5%
MGF FUT	MGF	0	0	0.0%	0	0.0%	100	86	16.3%
MGN1 SWAP FUT	MGN	140	215	-34.9%	122	14.8%	1,689	1,903	-11.2%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	0.0%	2,200	0	-
MICHIGAN BASIS	NF	973	0	0.0%	1,610	-39.6%	27,346	6,554	317.2%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN HUB PEAK MONTH S	HM	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	127,640	121,440	5.1%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	7,240	6,795	6.5%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	690	245	181.6%	503	37.2%	5,429	3,490	55.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	50	50	0.0%	1,405	-96.4%	3,891	4,803	-19.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	4,504	954	372.1%	2,988	50.7%	21,690	8,766	147.4%
MISO 5MW OFF PEAK	4R	0	0	0.0%	0	-	0	0	0.0%
MISO 5MW PEAK	4Q	0	0	0.0%	0	-	0	0	0.0%
MJB FUT	MJB	0	0	0.0%	0	0.0%	0	10	-100.0%
MJC FUT	MJC	0	120	-100.0%	20	-100.0%	895	780	14.7%
MNC FUT	MNC	4,025	3,950	1.9%	4,970	-19.0%	47,818	50,904	-6.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	51,587	18,278	182.2%	50,880	1.4%	590,762	92,745	537.0%
MONT BELVIEU ETHANE OPIS BALMO	8C	375	90	316.7%	75	400.0%	1,920	2,765	-30.6%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	85,879	83,710	2.6%	101,228	-15.2%	1,345,538	616,592	118.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,283	516	342.4%	603	278.6%	12,068	7,879	53.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	4,670	4,453	4.9%	6,686	-30.2%	91,566	64,931	41.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	200	110	81.8%	20	900.0%	1,981	4,160	-52.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	38,249	18,370	108.2%	35,273	8.4%	345,287	209,582	64.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	736	293	151.2%	357	106.2%	7,211	5,424	32.9%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	0.0%	0	40	-100.0%
NAT GAS BASIS SWAP	TZ6	856	0	0.0%	1,898	-54.9%	38,064	5,234	627.2%
NATURAL GAS	HBI	0	0	-	0	0.0%	3,540	0	-
NATURAL GAS	XAC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	XSC	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	0.0%	0	3,416	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	0.0%	0	6,452	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	0.0%	0	0.0%	0	1,464	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	0.0%	0	0.0%	0	496	-100.0%

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Energy Futures									
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	0.0%	0	0.0%	0	572	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	0.0%	0	0.0%	0	448	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	0.0%	0	0.0%	0	84	-100.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	6,702	0	0.0%
NATURAL GAS PEN SWP	NP	101,696	205,840	-50.6%	145,941	-30.3%	1,330,312	2,200,047	-39.5%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	11,925	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	635	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	7,440	0	0.0%	28,690	-74.1%	519,369	319,140	62.7%
NEPOOL INTR HUB 5MW D AH	U6	1,275	830	53.6%	255	400.0%	45,635	20,388	123.8%
NEPOOL MAINE 5MW D AH O E	W2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL MAINE 5MW D AH PK	P9	0	0	0.0%	0	-	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	3,920	-100.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	640	1,385	-53.8%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	U4	0	120	-100.0%	0	0.0%	0	11,069	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	109,503	-100.0%
NEPOOL SE MASS 5MW D AH O	P5	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0.0%	4,000	44,368	-91.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	1,685	1,700	-0.9%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	870	855	1.8%	2,140	-59.3%	17,875	12,070	48.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	6,824	-100.0%	372	-100.0%	30,002	50,587	-40.7%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0.0%	7,841	300	2,513.7%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	0.0%	620	0	-
NGPL TEX/OK	PD	1,880	3,786	-50.3%	3,028	-37.9%	33,872	84,276	-59.8%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0.0%	360	1,146	-68.6%
NGPL TEXOK SWING SWAP	OX	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	0.0%	0	70	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	750	150	400.0%	100	650.0%	3,412	4,034	-15.4%
NORTHEN NATURAL GAS DEMAR	PE	124	320	-61.3%	54	129.6%	4,113	5,913	-30.4%
NORTHEN NATURAL GAS VENTU	PF	0	760	-100.0%	481	-100.0%	9,216	5,722	61.1%

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Energy Futures									
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	102	-100.0%
NORTHWEST ROCKIES BASIS S	NR	1,596	26,081	-93.9%	23,699	-93.3%	182,708	135,936	34.4%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	991	-100.0%
NY1% VS GC SPREAD SWAP	VR	3,696	2,230	65.7%	2,590	42.7%	29,944	27,649	8.3%
NY 2.2% FUEL OIL (PLATTS	Y3	0	340	-100.0%	0	0.0%	489	980	-50.1%
NY 3.0% FUEL OIL (PLATTS	H1	150	1,050	-85.7%	175	-14.3%	2,450	5,245	-53.3%
NY HARBOR 1% FUEL OIL BAL	VK	50	0	0.0%	0	0.0%	151	531	-71.6%
NY HARBOR HEAT OIL SWP	MP	5,024	4,064	23.6%	1,602	213.6%	29,320	53,763	-45.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,555	0	0.0%	0	0.0%	6,586	4,042	62.9%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	1,590	6,908	-77.0%	2,036	-21.9%	39,080	62,080	-37.0%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	890	6,058	-85.3%	1,670	-46.7%	22,662	31,218	-27.4%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0.0%	0	976	-100.0%
NYISO A	KA	0	0	0.0%	0	0.0%	0	982	-100.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0.0%	0	440	-100.0%
NYISO CAPACITY	LHV	12	0	-	138	-91.3%	318	0	-
NYISO CAPACITY	NNC	72	364	-80.2%	132	-45.5%	1,977	3,723	-46.9%
NYISO CAPACITY	NRS	150	336	-55.4%	150	0.0%	2,473	5,170	-52.2%
NYISO G	KG	0	0	0.0%	0	0.0%	0	471	-100.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0.0%	0	190	-100.0%
NYISO J	KJ	0	22	-100.0%	0	0.0%	172	3,242	-94.7%
NYISO J OFF-PEAK	KK	0	10	-100.0%	0	0.0%	80	590	-86.4%
NYISO ZONE A 5MW D AH O P	K4	18,720	14,040	33.3%	0	0.0%	258,085	433,136	-40.4%
NYISO ZONE A 5MW D AH PK	K3	0	2,035	-100.0%	2,960	-100.0%	6,560	19,321	-66.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	54,290	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	1,512	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	12,080	-100.0%	38,600	-100.0%	444,481	256,288	73.4%
NYISO ZONE G 5MW D AH PK	T3	5,620	2,705	107.8%	1,280	339.1%	40,288	35,469	13.6%
NYISO ZONE J 5MW D AH O P	D4	0	7,840	-100.0%	38,600	-100.0%	195,471	63,874	206.0%
NYISO ZONE J 5MW D AH PK	D3	0	410	-100.0%	860	-100.0%	14,431	9,481	52.2%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	0.0%	0	-	0	0	0.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	0.0%	0	1,745	-100.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	0	1,188	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,762	2,117	-16.8%	394	347.2%	9,621	33,130	-71.0%

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Energy Futures									
ONEOK OKLAHOMA NG BASIS	8X	0	730	-100.0%	346	-100.0%	1,411	2,991	-52.8%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	160	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	3,750	159,856	-97.7%
ONTARIO POWER SWAPS	OPD	0	40	-100.0%	20	-100.0%	490	355	38.0%
ONTARIO POWER SWAPS	OPM	105	0	0.0%	0	0.0%	545	8,990	-93.9%
PANHANDLE BASIS SWAP FUTU	PH	1,824	7,646	-76.1%	9,056	-79.9%	97,142	131,807	-26.3%
PANHANDLE INDEX SWAP FUTU	IV	0	124	-100.0%	0	0.0%	3,472	2,638	31.6%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	314	-100.0%
PERMIAN BASIS SWAP	PM	856	14,844	-94.2%	16,424	-94.8%	62,078	36,870	68.4%
PETROCHEMICALS	22	38	68	-44.1%	89	-57.3%	592	401	47.6%
PETROCHEMICALS	32	151	120	25.8%	65	132.3%	817	615	32.8%
PETROCHEMICALS	51	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	8I	435	10	4,250.0%	300	45.0%	3,257	5,223	-37.6%
PETROCHEMICALS	91	182	78	133.3%	143	27.3%	2,007	356	463.8%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	48	58	-17.2%
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	0	76	-100.0%
PETROCHEMICALS	MAC	0	0	-	0	0.0%	110	0	-
PETROCHEMICALS	MAE	10	50	-80.0%	0	0.0%	455	290	56.9%
PETROCHEMICALS	MAS	20	10	100.0%	0	0.0%	1,010	355	184.5%
PETROCHEMICALS	MBE	1,685	2,575	-34.6%	1,380	22.1%	32,365	22,730	42.4%
PETROCHEMICALS	MNB	632	977	-35.3%	1,697	-62.8%	21,979	15,956	37.7%
PETRO CRCKS & SPRDS ASIA	STI	0	450	-100.0%	0	0.0%	1,050	1,062	-1.1%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	64	760	-91.6%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	150	-100.0%	230	318	-27.7%
PETRO CRCKS & SPRDS NA	CBA	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	300	1,200	-75.0%	20	1,400.0%	1,509	3,843	-60.7%
PETRO CRCKS & SPRDS NA	EXR	2,371	1,021	132.2%	3,440	-31.1%	20,434	13,510	51.3%
PETRO CRCKS & SPRDS NA	FOC	790	2,735	-71.1%	1,150	-31.3%	11,945	8,150	46.6%
PETRO CRCKS & SPRDS NA	GBB	2,120	0	0.0%	250	748.0%	4,760	50	9,420.0%
PETRO CRCKS & SPRDS NA	GCC	475	700	-32.1%	475	0.0%	2,975	700	325.0%
PETRO CRCKS & SPRDS NA	GCI	1,817	300	505.7%	1,919	-5.3%	15,304	11,990	27.6%
PETRO CRCKS & SPRDS NA	GCM	322	0	-	0	0.0%	388	0	-
PETRO CRCKS & SPRDS NA	GCU	6,946	9,963	-30.3%	8,730	-20.4%	88,311	134,083	-34.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	250	-100.0%	379	100	279.0%
PETRO CRCKS & SPRDS NA	HOB	2,695	1,434	87.9%	455	492.3%	38,059	38,784	-1.9%

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Energy Futures									
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	0	390	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	30	0	-
PETRO CRCKS & SPRDS NA	NFC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	1,008	200	404.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	490	2,300	-78.7%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	450	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	13,289	9,916	34.0%	13,296	-0.1%	128,539	125,379	2.5%
PETRO CRCKS & SPRDS NA	RVG	11,320	3,291	244.0%	15,510	-27.0%	109,698	6,306	1,639.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	30	-100.0%	64	0	-
PETRO CRK&SPRD EURO	1NB	1,758	2,659	-33.9%	1,293	36.0%	19,445	20,131	-3.4%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	43	222	30	640.0%	7	3,071.4%	2,378	3,738	-36.4%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	170	-100.0%
PETRO CRK&SPRD EURO	BOB	2,412	1,483	62.6%	5,655	-57.3%	29,875	20,213	47.8%
PETRO CRK&SPRD EURO	EBF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	73	-100.0%	0	0.0%	97	456	-78.7%
PETRO CRK&SPRD EURO	EPN	271	55	392.7%	435	-37.7%	3,179	580	448.1%
PETRO CRK&SPRD EURO	EVC	3,571	689	418.3%	4,370	-18.3%	24,696	16,421	50.4%
PETRO CRK&SPRD EURO	FBT	0	210	-100.0%	0	0.0%	480	870	-44.8%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	31	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	1,130	1,158	-2.4%
PETRO CRK&SPRD EURO	GOC	10	0	0.0%	30	-66.7%	139	674	-79.4%
PETRO CRK&SPRD EURO	GRB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GRS	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	40	434	-90.8%
PETRO CRK&SPRD EURO	MUD	70	155	-54.8%	32	118.8%	1,301	957	35.9%
PETRO CRK&SPRD EURO	NBB	23	0	0.0%	0	0.0%	221	56	294.6%
PETRO CRK&SPRD EURO	NOB	918	300	206.0%	1,078	-14.8%	6,826	2,396	184.9%
PETRO CRK&SPRD EURO	NYG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	165	15	1,000.0%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	D43	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	0.0%	0	34	-100.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	0.0%	0	58	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	0	0.0%	30	0	-

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Energy Futures									
PETROLEUM PRODUCTS	D63	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	0.0%	0	209	-100.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	0.0%	0	140	-100.0%
PETROLEUM PRODUCTS	EWB	15	0	0.0%	0	0.0%	15	25	-40.0%
PETROLEUM PRODUCTS	EWG	3,349	0	0.0%	6,693	-50.0%	22,001	18	122,127.8%
PETROLEUM PRODUCTS	MBS	0	0	-	0	0.0%	559	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	0.0%	30	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	1,363	0	-
PETROLEUM PRODUCTS	RMG	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	RMK	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	VU	336	172	95.3%	129	160.5%	4,063	1,316	208.7%
PETROLEUM PRODUCTS ASIA	E6M	35	50	-30.0%	0	0.0%	502	862	-41.8%
PETROLEUM PRODUCTS ASIA	MJN	1,470	1,740	-15.5%	1,733	-15.2%	16,148	19,125	-15.6%
PETRO OUTFRIGHT EURO	0A	0	0	0.0%	0	0.0%	0	90	-100.0%
PETRO OUTFRIGHT EURO	0B	185	40	362.5%	50	270.0%	1,605	1,074	49.4%
PETRO OUTFRIGHT EURO	0C	95	0	0.0%	20	375.0%	316	213	48.4%
PETRO OUTFRIGHT EURO	0D	3,618	4,468	-19.0%	4,713	-23.2%	48,318	52,314	-7.6%
PETRO OUTFRIGHT EURO	0E	872	1,106	-21.2%	1,446	-39.7%	11,781	6,094	93.3%
PETRO OUTFRIGHT EURO	0F	1,049	1,214	-13.6%	1,335	-21.4%	15,080	11,368	32.7%
PETRO OUTFRIGHT EURO	1T	0	5	-100.0%	0	0.0%	20	90	-77.8%
PETRO OUTFRIGHT EURO	33	6	0	0.0%	12	-50.0%	357	618	-42.2%
PETRO OUTFRIGHT EURO	59	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	238	170	40.0%	307	-22.5%	2,397	1,345	78.2%
PETRO OUTFRIGHT EURO	63	235	188	25.0%	160	46.9%	1,840	1,245	47.8%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	16	-100.0%
PETRO OUTFRIGHT EURO	7I	539	189	185.2%	0	0.0%	2,052	2,181	-5.9%
PETRO OUTFRIGHT EURO	7P	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTFRIGHT EURO	7R	352	269	30.9%	539	-34.7%	3,632	3,148	15.4%
PETRO OUTFRIGHT EURO	88	5	10	-50.0%	0	0.0%	60	305	-80.3%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	30	-100.0%	30	0	0.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	6	30	-80.0%
PETRO OUTFRIGHT EURO	CPB	60	0	0.0%	423	-85.8%	1,482	506	192.9%
PETRO OUTFRIGHT EURO	EFF	63	0	0.0%	33	90.9%	597	169	253.3%
PETRO OUTFRIGHT EURO	EFM	150	0	0.0%	8	1,775.0%	823	455	80.9%
PETRO OUTFRIGHT EURO	ENS	0	50	-100.0%	10	-100.0%	1,171	703	66.6%
PETRO OUTFRIGHT EURO	EWN	251	10	2,410.0%	349	-28.1%	2,321	1,038	123.6%

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Energy Futures									
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	20	-100.0%	40	121	-66.9%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	0.0%	84	245	-65.7%
PETRO OUTFRIGHT EURO	MBN	390	1,410	-72.3%	901	-56.7%	16,658	13,609	22.4%
PETRO OUTFRIGHT EURO	RBF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	340	600	-43.3%
PETRO OUTFRIGHT EURO	T0	0	86	-100.0%	0	0.0%	1,328	1,997	-33.5%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	490	1,550	-68.4%
PETRO OUTFRIGHT EURO	V0	150	82	82.9%	135	11.1%	390	2,876	-86.4%
PETRO OUTFRIGHT EURO	W0	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO OUTFRIGHT EURO	X0	0	0	0.0%	0	0.0%	150	698	-78.5%
PETRO OUTFRIGHT EURO	Y0	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO OUTFRIGHT NA	5Y	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	510	108	372.2%	64	696.9%	3,172	3,082	2.9%
PETRO OUTFRIGHT NA	FOB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	0.0%	8	62	-87.1%
PETRO OUTFRIGHT NA	GBA	0	0	-	0	0.0%	8	0	-
PETRO OUTFRIGHT NA	GUD	0	0	-	0	0.0%	13	0	-
PETRO OUTFRIGHT NA	JE	0	110	-100.0%	0	0.0%	439	565	-22.3%
PETRO OUTFRIGHT NA	JET	7,951	2,660	198.9%	10,203	-22.1%	63,859	16,905	277.8%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	91	-100.0%	325	746	-56.4%
PETRO OUTFRIGHT NA	MEN	648	870	-25.5%	669	-3.1%	7,596	7,763	-2.2%
PETRO OUTFRIGHT NA	MEO	7,740	9,741	-20.5%	9,904	-21.8%	120,511	100,465	20.0%
PETRO OUTFRIGHT NA	MFD	35	72	-51.4%	33	6.1%	1,126	907	24.1%
PETRO OUTFRIGHT NA	MMF	120	170	-29.4%	290	-58.6%	1,996	1,939	2.9%
PETRO OUTFRIGHT NA	NYB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	NYT	0	0	0.0%	125	-100.0%	225	25	800.0%
PETRO OUTFRIGHT NA	XER	0	0	0.0%	0	0.0%	0	90	-100.0%
PGE&E CITYGATE	PC	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	261,104	127,755	104.4%	22,800	1,045.2%	1,531,162	1,661,753	-7.9%
PJM AD HUB 5MW REAL TIME	Z9	1,705	7,425	-77.0%	4,240	-59.8%	106,259	111,974	-5.1%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0.0%	0	132	-100.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	27,690	-100.0%	33,695	23,400	44.0%

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Energy Futures									
PJM ATSI ELEC	MPD	0	0	0.0%	1,480	-100.0%	1,795	1,275	40.8%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	23,400	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	1,275	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	2,120	-100.0%	0	0.0%	257,480	86,445	197.9%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	14,650	7,150	104.9%
PJM DAILY	JD	0	0	0.0%	0	0.0%	1,300	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	70,120	-100.0%	27,690	-100.0%	55,000	238,308	-76.9%
PJM DAYTON DA PEAK	D7	0	3,845	-100.0%	1,480	-100.0%	23,423	16,495	42.0%
PJM DPL DA OFF-PEAK	E8	0	0	0.0%	0	-	0	0	0.0%
PJM DPL DA PEAK	L8	0	0	0.0%	0	-	0	0	0.0%
PJM DUQUESNE 5MW D AH PK	D5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM EASTERNH DA PEAK	E9	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	0	15,360	-100.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	650	-100.0%
PJM NI HUB 5MW REAL TIME	B3	19,335	6,375	203.3%	5,285	265.8%	94,649	69,427	36.3%
PJM NI HUB 5MW REAL TIME	B6	718,970	103,267	596.2%	262,195	174.2%	2,631,867	1,879,247	40.0%
PJM NILL DA OFF-PEAK	L3	112,060	24,063	365.7%	190,515	-41.2%	1,186,752	506,843	134.1%
PJM NILL DA PEAK	N3	1,128	1,211	-6.9%	3,825	-70.5%	48,608	23,715	105.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	140	1,864	-92.5%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	650	-100.0%
PJM PEPKO DA OFF-PEAK	Q8	0	0	0.0%	0	0.0%	0	7,440	-100.0%
PJM PEPKO DA PEAK	R8	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0.0%	0	61,152	-100.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	3,315	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	163,800	1,960	8,257.1%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	5,100	110	4,536.4%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	304,100	58,720	417.9%	0	0.0%	1,129,110	807,716	39.8%
PJM WESTHDA PEAK	J4	16,660	2,540	555.9%	0	0.0%	62,333	42,139	47.9%
PJM WESTH RT OFF-PEAK	N9	553,310	458,697	20.6%	93,200	493.7%	6,738,450	3,630,757	85.6%
PJM WESTH RT PEAK	L1	40,975	33,852	21.0%	35,499	15.4%	657,190	251,063	161.8%
PLASTICS	PGP	250	40	525.0%	1,520	-83.6%	5,129	10,575	-51.5%
PLASTICS	PPP	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	98	267	-63.3%	164	-40.2%	2,889	3,391	-14.8%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
PREMIUM UNLEAD 10PPM FOB	8G	23	0	0.0%	5	360.0%	382	698	-45.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	7	84	-91.7%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	45	-100.0%	0	0.0%	274	340	-19.4%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	150	0	0.0%	112	33.9%	5,997	2,513	138.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,004	4,660	157.6%	17,903	-32.9%	138,706	90,810	52.7%
RBOB CALENDAR SWAP	RL	7,423	11,085	-33.0%	6,207	19.6%	80,700	85,040	-5.1%
RBOB CRACK SPREAD	RM	3,479	1,616	115.3%	550	532.5%	18,804	12,795	47.0%
RBOB CRACK SPREAD BALMO S	1E	60	0	0.0%	0	0.0%	410	30	1,266.7%
RBOB GASOLINE BALMO CLNDR	1D	2,583	1,367	89.0%	1,501	72.1%	11,080	13,121	-15.6%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	297	-100.0%	297	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	92	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	9,252	-100.0%	0	0.0%	9,203	122,100	-92.5%
RBOB VS HEATING OIL SWAP	RH	4,375	2,190	99.8%	1,758	148.9%	21,905	12,265	78.6%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0.0%	1,046	1,880	-44.4%
SAN JUAN BASIS SWAP	NJ	186	5,148	-96.4%	6,677	-97.2%	76,144	29,833	155.2%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	BS	35	23	52.2%	24	45.8%	590	458	28.8%
SINGAPORE 380CST BALMO	BT	174	25	596.0%	402	-56.7%	1,933	1,271	52.1%
SINGAPORE 380CST FUEL OIL	SE	12,324	5,683	116.9%	13,863	-11.1%	101,072	63,496	59.2%
SINGAPORE FUEL 180CST CAL	UA	1,506	993	51.7%	1,319	14.2%	14,209	22,208	-36.0%
SINGAPORE FUEL OIL SPREAD	SD	399	286	39.5%	1,263	-68.4%	7,686	5,708	34.7%
SINGAPORE GASOIL	MTB	389	116	235.3%	585	-33.5%	3,116	1,460	113.4%
SINGAPORE GASOIL	MTS	3,710	2,597	42.9%	4,778	-22.4%	46,049	30,302	52.0%
SINGAPORE GASOIL	STF	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0.0%	100	150	-33.3%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	180	250	-28.0%
SINGAPORE GASOIL CALENDAR	MSG	78	0	0.0%	0	0.0%	651	6,868	-90.5%
SINGAPORE GASOIL SWAP	SG	12,325	1,990	519.3%	10,497	17.4%	81,687	28,055	191.2%
SINGAPORE GASOIL VS ICE	GA	8,065	0	0.0%	13,686	-41.1%	44,904	6,000	648.4%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	156	550	-71.6%
SINGAPORE JET KERO GASOIL	RK	4,720	20	23,500.0%	1,390	239.6%	14,485	3,640	297.9%
SINGAPORE JET KEROSENE SW	KS	771	880	-12.4%	1,077	-28.4%	8,346	16,364	-49.0%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	50	50	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	375	210	78.6%	1,761	-78.7%	5,953	3,618	64.5%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	12,320	8,253	49.3%	25,558	-51.8%	120,268	80,419	49.6%

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Energy Futures									
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	0	1,175	-100.0%
SING FUEL	MSD	5	0	0.0%	35	-85.7%	70	10	600.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0.0%	0	96	-100.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	5,864	488	1,101.6%
SONAT BASIS SWAP FUTURE	SZ	186	0	0.0%	0	0.0%	554	14,718	-96.2%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	612	4,280	-85.7%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	90	-100.0%	2,292	7,255	-68.4%
Sumas Basis Swap	NK	0	366	-100.0%	2,423	-100.0%	18,059	14,347	25.9%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	0.0%	0	2,893	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	0	13	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	15	30	-50.0%
TCO BASIS SWAP	TC	668	3,575	-81.3%	604	10.6%	34,344	39,379	-12.8%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	240	3,904	-93.9%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	-	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	819	-100.0%	0	0.0%	1,285	3,192	-59.7%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	1,630	5,526	-70.5%
TENNESSEE 500 LEG NG INDE	Y7	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 500 LEG NG SWIN	T7	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	1,526	3,908	-61.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	428	-100.0%	0	0.0%	3,028	1,032	193.4%
Tetco ELA Basis	TE	0	0	0.0%	0	0.0%	0	1,360	-100.0%
TETCO M-3 INDEX	IX	2,568	4,280	-40.0%	0	0.0%	10,933	11,064	-1.2%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	1,611	4,669	-65.5%
TEXAS EASTERN ZONE M-3 BA	NX	1,053	4,308	-75.6%	3,126	-66.3%	84,221	25,107	235.4%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	248	16,156	-98.5%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	0.0%	0	368	-100.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	1,032	6,975	-85.2%
TRANSCO ZONE4 BASIS SWAP	TR	4,884	5,866	-16.7%	4,256	14.8%	28,622	75,885	-62.3%
TRANSCO ZONE 4 NAT GAS IN	B2	0	310	-100.0%	0	0.0%	1,457	1,240	17.5%
TRANSCO ZONE 6 BASIS SWAP	NZ	915	428	113.8%	1,863	-50.9%	14,883	10,666	39.5%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0.0%	6,742	76	8,771.1%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	0.0%	0	122	-100.0%
UCM FUT	UCM	10	0	0.0%	15	-33.3%	353	578	-38.9%
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	0.0%	38	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	45	0	0.0%

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Energy Futures									
ULSD 10PPM CIF MED VS ICE	Z7	18	210	-91.4%	15	20.0%	198	1,119	-82.3%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0.0%	35	25	40.0%
ULSD UP-DOWN BALMO SWP	1L	9,575	8,073	18.6%	8,558	11.9%	75,583	45,366	66.6%
UP DOWN GC ULSD VS NMX HO	LT	36,467	51,071	-28.6%	53,661	-32.0%	619,919	499,641	24.1%
USGC UNL 87 CRACK SPREAD	RU	0	200	-100.0%	0	0.0%	175	3,550	-95.1%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	0.0%	0	0.0%	0	44	-100.0%
WAHA BASIS	NW	0	7,633	-100.0%	1,825	-100.0%	44,649	40,876	9.2%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	8,728	1,712	409.8%
WESTERN RAIL DELIVERY PRB	QP	105	570	-81.6%	0	0.0%	9,342	26,220	-64.4%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	500	-100.0%	500	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	9,542	25,758	-63.0%	11,672	-18.2%	137,258	277,619	-50.6%
WTI CALENDAR	CS	53,143	21,585	146.2%	33,473	58.8%	387,932	404,806	-4.2%
WTS (ARGUS) VS WTI SWAP	FF	13,593	1,816	648.5%	3,720	265.4%	55,703	60,936	-8.6%
WTS (ARGUS) VS WTI TRD MT	FH	162	462	-64.9%	500	-67.6%	12,370	19,453	-36.4%
Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0.0%	0	100	-100.0%
APPALACHIAN COAL	6K	0	0	0.0%	0	0.0%	0	40	-100.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	1,704	2,034	-16.2%	105	1,522.9%	15,237	153,151	-90.1%
BRENT OIL LAST DAY	BE	0	857	-100.0%	7,000	-100.0%	43,890	52,621	-16.6%
BRENT OIL LAST DAY	BZO	25,341	720	3,419.6%	39,304	-35.5%	259,439	720	35,933.2%
BRENT OIL LAST DAY	OS	0	303	-100.0%	0	0.0%	12,234	55,192	-77.8%
COAL API2 INDEX	CLA	375	5,150	-92.7%	1,759	-78.7%	54,378	66,223	-17.9%
COAL API2 INDEX	CQA	2,150	6,085	-64.7%	0	0.0%	103,884	100,652	3.2%
COAL API2 INDEX	MTC	25	0	0.0%	0	0.0%	175	151	15.9%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	100	1,400	-92.9%
COAL API4 INDEX	RQA	0	0	0.0%	60	-100.0%	1,540	600	156.7%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	585	730	-19.9%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	1,086	3,830	-71.6%
CRUDE OIL 1MO	WA	227,688	123,175	84.8%	254,917	-10.7%	3,005,974	2,359,207	27.4%
CRUDE OIL APO	AO	84,502	13,936	506.4%	21,270	297.3%	409,273	722,701	-43.4%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	5,000	-100.0%	0	0.0%	2,290	21,600	-89.4%

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Energy Options									
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	900	-100.0%
CRUDE OIL PHY	CD	700	100	600.0%	1,950	-64.1%	38,425	17,900	114.7%
CRUDE OIL PHY	LC	32,777	12,201	168.6%	14,052	133.3%	344,468	487,003	-29.3%
CRUDE OIL PHY	LO	3,929,183	3,317,764	18.4%	5,072,423	-22.5%	45,879,991	39,627,070	15.8%
CRUDE OIL PHY	LO1	5,745	6,990	-17.8%	22,350	-74.3%	82,795	50,765	63.1%
CRUDE OIL PHY	LO2	4,219	7,478	-43.6%	4,228	-0.2%	48,765	40,298	21.0%
CRUDE OIL PHY	LO3	3,490	2,045	70.7%	4,101	-14.9%	35,405	24,850	42.5%
CRUDE OIL PHY	LO4	6,105	3,352	82.1%	5,365	13.8%	56,458	30,301	86.3%
CRUDE OIL PHY	LO5	3,511	0	0.0%	0	0.0%	28,646	15,318	87.0%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0.0%	0	8,000	-100.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0.0%	264	39	576.9%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	3,420	2,540	34.6%
ELEC MISO PEAK	OEM	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL	CE1	100	0	-	0	0.0%	125	0	-
ETHANOL	CE3	300	0	-	0	0.0%	325	0	-
ETHANOL SWAP	CVR	12,251	5,799	111.3%	9,160	33.7%	85,662	72,994	17.4%
ETHANOL SWAP	GVR	0	0	0.0%	210	-100.0%	3,668	3,934	-6.8%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0.0%	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	0.0%	0	15	-100.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	60	0	0.0%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	0.0%	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	872	125	597.6%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	0.0%	300	0	-
HEATING OIL PHY	LB	794	1,107	-28.3%	167	375.4%	4,789	6,205	-22.8%
HEATING OIL PHY	OH	35,565	63,469	-44.0%	57,831	-38.5%	606,514	606,659	0.0%
HENRY HUB FINANCIAL LAST	E7	5,371	1,657	224.1%	3,175	69.2%	28,902	23,660	22.2%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	5,900	3,500	68.6%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	3,724	-100.0%
ISO NEW ENGLAND PK LMP	OE	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	11,730	4,080	187.5%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	9,505	8,995	5.7%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	2,485	1,875	32.5%
NATURAL GAS	G10	0	0	-	0	0.0%	500	0	-
NATURAL GAS 12 M CSO FIN	G7	0	400	-100.0%	0	0.0%	0	2,600	-100.0%
NATURAL GAS 1 M CSO FIN	G4	54,625	16,780	225.5%	32,990	65.6%	168,709	271,714	-37.9%

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Energy Options									
NATURAL GAS 2 M CSO FIN	G2	450	0	0.0%	680	-33.8%	4,505	4,950	-9.0%
NATURAL GAS 3 M CSO FIN	G3	650	0	0.0%	100	550.0%	228,182	65,445	248.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	1,200	2,700	-55.6%
NATURAL GAS 6 M CSO FIN	G6	2,075	0	0.0%	3,600	-42.4%	11,275	46,900	-76.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	2,360	880	168.2%	6,900	-65.8%	28,068	13,020	115.6%
NATURAL GAS PHY	KD	26,925	29,560	-8.9%	28,821	-6.6%	375,887	271,330	38.5%
NATURAL GAS PHY	LN	1,986,716	2,329,020	-14.7%	2,240,243	-11.3%	23,520,044	19,594,491	20.0%
NATURAL GAS PHY	ON	330,415	386,201	-14.4%	358,780	-7.9%	3,444,463	3,029,693	13.7%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0.0%	2	0	0.0%
NATURAL GAS PHY	ON2	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON3	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON4	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	ON5	0	0	0.0%	0	0.0%	0	25	-100.0%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	-	0	0.0%	500	0	-
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	6,540	6,429	1.7%
NY HARBOR HEAT OIL SWP	AT	7,056	19,305	-63.4%	3,280	115.1%	67,799	165,910	-59.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	10,740	-100.0%	11,160	550	1,929.1%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	30	1,462	-97.9%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	0.0%	0	260	-100.0%
PETROCHEMICALS	4H	260	120	116.7%	205	26.8%	11,486	13,341	-13.9%
PETROCHEMICALS	4I	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4J	450	0	0.0%	420	7.1%	6,755	1,840	267.1%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	1,560	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	520	14	3,614.3%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	180	-100.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	6O	0	0	0.0%	0	0.0%	0	1,640	-100.0%
PJM ELECTRIC	6OO	0	0	0.0%	0	0.0%	0	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	130	0	0.0%	340	-61.8%	1,220	200	510.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	0.0%	10,300	0	-
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	2,644	-100.0%	11,935	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	1,800	-100.0%	11,850	0	0.0%
RBOB CALENDAR SWAP	RA	159	2,690	-94.1%	0	0.0%	6,744	21,649	-68.8%
RBOB PHY	OB	10,501	26,728	-60.7%	23,038	-54.4%	390,579	347,789	12.3%

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Energy Options									
RBOB PHY	RF	0	40	-100.0%	40	-100.0%	60	5,440	-98.9%
ROTTERDAM 3.5%FUEL OIL CL	Q6	120	0	0.0%	0	0.0%	640	615	4.1%
SAN JUAN PIPE SWAP	PJ	0	360	-100.0%	0	0.0%	9,108	5,092	78.9%
SHORT TERM	U11	0	450	-100.0%	955	-100.0%	3,205	3,510	-8.7%
SHORT TERM	U12	720	0	0.0%	0	0.0%	4,450	2,065	115.5%
SHORT TERM	U13	100	0	0.0%	0	0.0%	4,361	2,535	72.0%
SHORT TERM	U14	0	75	-100.0%	450	-100.0%	5,225	1,675	211.9%
SHORT TERM	U15	330	125	164.0%	300	10.0%	3,755	2,750	36.5%
SHORT TERM	U22	400	100	300.0%	530	-24.5%	4,205	1,560	169.6%
SHORT TERM	U23	100	75	33.3%	500	-80.0%	2,280	2,465	-7.5%
SHORT TERM	U24	0	0	0.0%	0	0.0%	2,080	2,105	-1.2%
SHORT TERM	U25	0	0	0.0%	0	0.0%	505	1,000	-49.5%
SHORT TERM	U26	0	0	0.0%	0	0.0%	1,580	1,075	47.0%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM CRUDE OIL	C05	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	650	-100.0%	5,025	1,855	170.9%
SHORT TERM NATURAL GAS	U02	600	875	-31.4%	700	-14.3%	4,800	6,013	-20.2%
SHORT TERM NATURAL GAS	U03	100	400	-75.0%	1,450	-93.1%	3,170	3,100	2.3%
SHORT TERM NATURAL GAS	U04	0	655	-100.0%	625	-100.0%	5,000	2,330	114.6%
SHORT TERM NATURAL GAS	U05	825	0	0.0%	0	0.0%	3,550	2,200	61.4%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	2,905	2,325	24.9%
SHORT TERM NATURAL GAS	U07	300	700	-57.1%	1,000	-70.0%	5,100	2,920	74.7%
SHORT TERM NATURAL GAS	U08	200	0	0.0%	100	100.0%	3,522	1,975	78.3%
SHORT TERM NATURAL GAS	U09	175	600	-70.8%	600	-70.8%	5,617	5,431	3.4%
SHORT TERM NATURAL GAS	U10	0	850	-100.0%	500	-100.0%	4,595	3,750	22.5%
SHORT TERM NATURAL GAS	U16	315	300	5.0%	250	26.0%	4,175	3,025	38.0%
SHORT TERM NATURAL GAS	U17	0	800	-100.0%	450	-100.0%	1,405	1,985	-29.2%
SHORT TERM NATURAL GAS	U18	0	275	-100.0%	200	-100.0%	3,055	1,100	177.7%
SHORT TERM NATURAL GAS	U19	315	0	0.0%	0	0.0%	1,845	3,170	-41.8%
SHORT TERM NATURAL GAS	U20	250	0	0.0%	0	0.0%	1,680	1,730	-2.9%
SHORT TERM NATURAL GAS	U21	450	150	200.0%	750	-40.0%	2,325	2,350	-1.1%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	1,050	1,225	-14.3%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	3,925	450	772.2%
SHORT TERM NATURAL GAS	U29	300	0	0.0%	450	-33.3%	3,475	1,600	117.2%
SHORT TERM NATURAL GAS	U30	400	200	100.0%	750	-46.7%	2,100	4,075	-48.5%
SHORT TERM NATURAL GAS	U31	0	130	-100.0%	0	0.0%	1,125	380	196.1%

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Commodity		VOLUME DEC 2016	VOLUME DEC 2015	% CHG	VOLUME NOV 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Options									
SINGAPORE FUEL OIL 180 CS	C5	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	300	-100.0%
SINGAPORE JET FUEL CALENDAR	N2	480	0	0.0%	480	0.0%	1,440	1,500	-4.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0.0%	11,200	0	0.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	0.0%	0	2,000	-100.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	99,625	23,370	326.3%	6,850	1,354.4%	279,675	268,360	4.2%
WTI CRUDE OIL 12 M CSO F	7Z	0	0	0.0%	0	-	0	0	0.0%
WTI CRUDE OIL 1 M CSO FI	7A	173,200	72,736	138.1%	248,192	-30.2%	1,851,715	1,845,556	0.3%
Metals Futures									
COMEX GOLD	GC	3,521,572	2,735,237	28.7%	7,108,687	-50.5%	57,564,840	41,847,338	37.6%
NYMEX HOT ROLLED STEEL	HR	2,717	3,196	-15.0%	2,623	3.6%	53,884	58,817	-8.4%
NYMEX PLATINUM	PL	423,172	408,711	3.5%	360,457	17.4%	3,994,072	3,641,144	9.7%
PALLADIUM	PA	91,224	66,956	36.2%	198,537	-54.1%	1,435,863	1,344,426	6.8%
URANIUM	UX	288	1,198	-76.0%	2	14,300.0%	7,583	4,548	66.7%
COMEX SILVER	SI	1,135,529	864,875	31.3%	2,214,364	-48.7%	18,218,740	13,454,406	35.4%
COMEX E-Mini GOLD	QO	7,266	4,236	71.5%	17,592	-58.7%	130,190	66,758	95.0%
E-MINI SILVER	6Q	0	0	0.0%	0	-	0	0	0.0%
COMEX E-Mini SILVER	QI	1,011	523	93.3%	1,695	-40.4%	14,985	9,823	52.6%
COMEX COPPER	HG	1,433,779	1,049,210	36.7%	3,531,273	-59.4%	21,524,547	16,986,055	26.7%
COMEX MINY COPPER	QC	559	383	46.0%	1,073	-47.9%	6,675	9,171	-27.2%
Aluminium MW Trans Prem Platts	AUP	2,469	2,991	-17.5%	9,840	-74.9%	68,872	37,447	83.9%
ALUMINUM	A38	80	0	-	0	0.0%	167	0	-
ALUMINUM	AEP	909	1,347	-32.5%	2,085	-56.4%	13,573	4,651	191.8%
ALUMINUM	ALA	0	0	-	0	0.0%	60	0	-
ALUMINUM	ALI	468	455	2.9%	1,134	-58.7%	8,241	4,044	103.8%
ALUMINUM	EDP	1,044	0	-	2,420	-56.9%	10,453	0	-
ALUMINUM	MJP	760	0	-	1,740	-56.3%	9,103	0	-
COPPER	HGS	65	98	-33.7%	400	-83.8%	3,881	6,538	-40.6%
E-MICRO GOLD	MGC	59,280	51,804	14.4%	96,161	-38.4%	976,950	407,643	139.7%
FERROUS PRODUCTS	BUS	0	0	0.0%	160	-100.0%	972	558	74.2%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0.0%	0	0	0.0%
GOLD	GPS	0	0	-	2	-100.0%	2	0	-



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Metals Futures									
Gold Kilo	GCK	3,725	7,596	-51.0%	4,786	-22.2%	56,157	51,336	9.4%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	46	-100.0%	3,056	2,613	17.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	13,841	15,276	-9.4%	26,665	-48.1%	199,434	136,158	46.5%
LNDN ZINC	ZNC	3	0	0.0%	0	0.0%	230	386	-40.4%
METALS	LED	0	0	-	0	0.0%	25	0	-
SILVER	SIL	6,475	4,569	41.7%	11,856	-45.4%	101,937	89,934	13.3%
Metals Options									
COMEX COPPER	HX	1,833	1,344	36.4%	4,908	-62.7%	38,472	27,111	41.9%
COMEX GOLD	OG	734,009	511,785	43.4%	1,324,732	-44.6%	9,916,049	7,534,527	31.6%
COMEX SILVER	SO	80,152	64,371	24.5%	129,032	-37.9%	1,375,636	1,224,664	12.3%
COPPER	H4E	0	0	0.0%	0	0.0%	0	10	-100.0%
GOLD	OG1	894	745	20.0%	1,690	-47.1%	14,995	6,117	145.1%
GOLD	OG2	1,431	494	189.7%	7,775	-81.6%	20,626	7,513	174.5%
GOLD	OG3	2,318	327	608.9%	1,033	124.4%	12,249	5,632	117.5%
GOLD	OG4	1,092	42	2,500.0%	712	53.4%	8,208	3,235	153.7%
GOLD	OG5	671	0	0.0%	0	0.0%	3,625	1,305	177.8%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	160	4,860	-96.7%	2,840	-94.4%	39,749	24,360	63.2%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	355	5,196	-93.2%	2,690	-86.8%	32,411	49,196	-34.1%
NYMEX PLATINUM	PO	5,650	2,747	105.7%	3,608	56.6%	53,221	58,275	-8.7%
PALLADIUM	PAO	4,232	641	560.2%	4,581	-7.6%	42,072	42,981	-2.1%
SHORT TERM	L11	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L18	0	0	0.0%	0	-	0	0	0.0%
SILVER	SO1	0	0	0.0%	199	-100.0%	559	428	30.6%
SILVER	SO2	1	0	0.0%	337	-99.7%	619	190	225.8%
SILVER	SO3	254	0	0.0%	79	221.5%	797	194	310.8%
SILVER	SO4	215	0	0.0%	43	400.0%	472	141	234.8%
SILVER	SO5	8	0	0.0%	0	0.0%	258	203	27.1%



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TOTAL FUTURES GROUP								
Commodities and Alternative Investments Futures	14	372	-96.2%	20	-30.0%	3,772	4,606	-18.1%
Energy Futures	46,968,278	38,689,298	21.4%	49,693,688	-5.5%	530,791,914	427,415,626	24.2%
Metals Futures	6,706,236	5,218,661	28.5%	13,593,598	-50.7%	104,404,492	78,163,794	33.6%
TOTAL FUTURES	53,674,528	43,908,331	22.2%	63,287,306	-15.2%	635,200,178	505,584,026	25.6%
TOTAL OPTIONS GROUP								
Energy Options	7,083,973	6,494,172	9.1%	8,500,780	-16.7%	81,766,300	70,646,392	15.7%
Metals Options	833,275	592,552	40.6%	1,484,259	-43.9%	11,560,018	8,986,082	28.6%
TOTAL OPTIONS	7,917,248	7,086,724	11.7%	9,985,039	-20.7%	93,326,318	79,632,474	17.2%
TOTAL COMBINED								
Commodities and Alternative Investments	14	372	-96.2%	20	-30.0%	3,772	4,606	-18.1%
Energy	54,052,251	45,183,470	19.6%	58,194,468	-7.1%	612,558,214	498,062,018	23.0%
Metals	7,539,511	5,811,213	29.7%	15,077,857	-50.0%	115,964,510	87,149,876	33.1%
GRAND TOTAL	61,591,776	50,995,055	20.8%	73,272,345	-15.9%	728,526,496	585,216,500	24.5%