

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	498	48	937.5%	219	127.4%	1,691	290	483.1%
COFFEE	KT	37	23	60.9%	36	2.8%	621	337	84.3%
COTTON	TT	18	72	-75.0%	43	-58.1%	570	728	-21.7%
SUGAR 11	YO	177	73	142.5%	47	276.6%	1,352	692	95.4%
Energy Futures									
CRUDE OIL PHY	CL	16,144,876	12,204,494	32.3%	17,483,575	-7.7%	184,138,868	131,028,785	40.5%
CRUDE OIL	WS	32,765	10,889	200.9%	5,892	456.1%	194,730	104,964	85.5%
MINY WTI CRUDE OIL	QM	175,396	212,194	-17.3%	210,853	-16.8%	2,920,121	1,581,219	84.7%
BRENT OIL LAST DAY	BZ	1,895,268	1,815,372	4.4%	2,094,053	-9.5%	24,144,262	16,533,802	46.0%
HEATING OIL PHY	HO	2,765,883	3,126,197	-11.5%	3,473,021	-20.4%	33,476,909	30,762,826	8.8%
HTG OIL	BH	0	0	0.0%	12	-100.0%	216	670	-67.8%
MINY HTG OIL	QH	7	7	0.0%	5	40.0%	88	105	-16.2%
RBOB PHY	RB	3,171,891	2,713,497	16.9%	3,157,979	0.4%	36,936,482	31,640,501	16.7%
MINY RBOB GAS	QU	4	5	-20.0%	4	0.0%	51	47	8.5%
NATURAL GAS	HP	110,285	71,508	54.2%	142,830	-22.8%	915,674	605,486	51.2%
LTD NAT GAS	HH	267,034	224,047	19.2%	310,727	-14.1%	2,578,034	2,072,101	24.4%
MINY NATURAL GAS	QG	28,820	43,145	-33.2%	25,601	12.6%	297,347	363,616	-18.2%
PJM MONTHLY	JM	120	10	1,100.0%	1,008	-88.1%	6,922	23,916	-71.1%
NATURAL GAS PHY	NG	6,236,245	7,980,051	-21.9%	7,578,267	-17.7%	73,788,508	67,638,226	9.1%
RBOB GAS	RT	1,220	540	125.9%	1,243	-1.9%	12,646	8,339	51.6%
3.5% FUEL OIL CID MED SWA	7D	61	60	1.7%	90	-32.2%	587	1,094	-46.3%
3.5% FUEL OIL CIF BALMO S	8D	10	10	0.0%	0	0.0%	153	100	53.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	180	-100.0%
AEP-DAYTON HUB MTHLY	VM	0	10	-100.0%	0	0.0%	662	1,506	-56.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	942	1,082	-12.9%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	0.0%	0	372	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	154	-100.0%	1,365	7,810	-82.5%
ANR LA NAT GAS INDEX SWAP	M6	0	0	0.0%	0	-	0	0	0.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	2,996	0	0.0%
ANR OKLAHOMA	NE	2,872	0	0.0%	60	4,686.7%	10,542	10,336	2.0%
APPALACHIAN COAL (PHY)	QL	25	290	-91.4%	94	-73.4%	2,581	18,897	-86.3%
ARGUS BIODIESEL RME FOB R	1A	0	0	0.0%	0	-	0	0	0.0%



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Energy Futures									
ARGUS LLS VS. WTI (ARG) T	E5	8,568	1,263	578.4%	5,186	65.2%	83,540	63,502	31.6%
ARGUS PROPAN FAR EST INDE	7E	716	346	106.9%	848	-15.6%	4,904	2,482	97.6%
ARGUS PROPAN(SAUDI ARAMCO	9N	871	1,000	-12.9%	698	24.8%	6,239	9,345	-33.2%
AUSTRIALIAN COKE COAL	ALW	79	418	-81.1%	83	-4.8%	1,878	3,592	-47.7%
BRENT BALMO SWAP	J9	0	117	-100.0%	320	-100.0%	4,754	3,153	50.8%
BRENT CALENDAR SWAP	CY	2,617	14,274	-81.7%	1,023	155.8%	57,187	76,259	-25.0%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	0.0%	0	0.0%	0	152	-100.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	950	6,075	-84.4%
BRENT FINANCIAL FUTURES	BB	1,973	9,097	-78.3%	1,750	12.7%	70,269	65,745	6.9%
BRENT FINANCIAL FUTURES	MBC	33	0	-	0	-	33	0	-
BRENT FINANCIAL FUTURES	MDB	0	0	-	0	0.0%	330	0	-
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%
CANADIAN LIGHT SWEET OIL	CIL	795	30	2,550.0%	3,600	-77.9%	11,214	2,250	398.4%
CARBON EUA EMISSIONS EURO	RC	0	4,000	-100.0%	0	0.0%	0	4,325	-100.0%
CENTERPOINT BASIS SWAP	PW	1,935	4,136	-53.2%	0	0.0%	21,159	7,781	171.9%
CENTERPOINT EAST INDEX	II	0	248	-100.0%	0	0.0%	677	248	173.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	-	0	0.0%	32	0	-
CHICAGO BASIS SWAP	NB	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	52,356	67,741	-22.7%	77,466	-32.4%	936,696	1,100,209	-14.9%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	99	-100.0%
CHICAGO ULSD PL VS HO SPR	5C	60	45	33.3%	320	-81.3%	4,105	4,531	-9.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	345	238	45.0%
CIG BASIS	CI	6,765	2,172	211.5%	978	591.7%	27,193	9,032	201.1%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	630	356	77.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	40	552	-92.8%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	0.0%	178,560	448,064	-60.1%
CIN HUB 5MW D AH PK	H5	306	0	0.0%	498	-38.6%	9,597	22,269	-56.9%
CIN HUB 5MW REAL TIME O P	H4	117,240	0	0.0%	282,080	-58.4%	760,192	410,704	85.1%
CIN HUB 5MW REAL TIME PK	H3	2,550	0	0.0%	9,429	-73.0%	19,199	20,915	-8.2%
COAL SWAP	ACM	80	375	-78.7%	315	-74.6%	3,365	4,220	-20.3%
COAL SWAP	SSI	115	575	-80.0%	160	-28.1%	3,077	23,634	-87.0%
COLUMB GULF MAINLINE NG B	5Z	1,743	4,018	-56.6%	638	173.2%	24,577	47,289	-48.0%
COLUMBIA GULF MAIN NAT G	L2	1,829	992	84.4%	0	0.0%	2,449	2,176	12.5%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	-	0	0.0%	488	0	-
COLUMBIA GULF ONSHORE	GL	248	0	0.0%	728	-65.9%	3,692	17,183	-78.5%

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CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	154	244	-36.9%	25	516.0%	725	553	31.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	105	0	0.0%	15	600.0%	1,964	1,125	74.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	5,131	5,205	-1.4%	7,419	-30.8%	50,057	37,414	33.8%
CRUDE OIL	LPS	3,362	0	-	2,510	33.9%	26,636	0	-
CRUDE OIL LAST DAY	26	0	0	0.0%	0	0.0%	0	83	-100.0%
CRUDE OIL OUTRIGHTS	42	89	1,149	-92.3%	525	-83.0%	11,806	8,765	34.7%
CRUDE OIL OUTRIGHTS	DBL	2,080	0	0.0%	355	485.9%	30,692	1,400	2,092.3%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	235	100	135.0%
CRUDE OIL OUTRIGHTS	WCC	3,675	3,510	4.7%	7,165	-48.7%	61,143	56,166	8.9%
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%	300	0	0.0%
CRUDE OIL SPRDS	DPO	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	KE	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	LE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	WTT	1,085	360	201.4%	3,412	-68.2%	6,392	360	1,675.6%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY EUA	EUL	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	1,440	-100.0%
DAILY PJM	IDO	0	0	-	0	0.0%	0	0	-
DAILY PJM	NOC	0	0	-	0	0.0%	0	0	-
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PDJ	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PEO	0	0	-	0	0.0%	0	0	-
DAILY PJM	PNO	0	0	-	0	0.0%	0	0	-
DAILY PJM	PNP	0	0	-	0	0.0%	0	0	-
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	4,240	-100.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	63	-100.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	5,120	-100.0%
DAILY PJM	ZAO	0	0	-	0	0.0%	0	0	-
DAILY PJM	ZGO	0	0	-	8,020	-100.0%	8,020	0	-
DAILY PJM	ZJO	0	0	-	0	0.0%	0	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	0.0%	23,657	4,160	468.7%
DATED TO FRONTLINE BRENT	FY	4,555	820	455.5%	2,664	71.0%	32,845	14,770	122.4%
DEMARC INDEX FUTURE	DI	0	682	-100.0%	0	0.0%	0	682	-100.0%
DIESEL 10P BRG FOB RDM VS	7X	0	5	-100.0%	0	0.0%	10	28	-64.3%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	0.0%	0	1	-100.0%

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Energy Futures									
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	0.0%	0	6	-100.0%
DOMINION TRAN INC - APP I	IH	401	0	0.0%	2,160	-81.4%	2,561	0	0.0%
DOMINION TRANSMISSION INC	PG	8,425	1,278	559.2%	16,535	-49.0%	72,373	54,607	32.5%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	100	252	-60.3%
DUBAI CRUDE OIL CALENDAR	DC	5,139	2,750	86.9%	5,034	2.1%	44,024	22,041	99.7%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	0.0%	840	0	-
EASTERN RAIL DELIVERY CSX	QX	720	4,020	-82.1%	1,695	-57.5%	39,496	52,579	-24.9%
EAST/WEST FUEL OIL SPREAD	EW	8	563	-98.6%	13	-38.5%	2,344	5,936	-60.5%
EIA FLAT TAX ONHWAY DIESE	A5	87	129	-32.6%	579	-85.0%	8,247	8,433	-2.2%
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY PEAK	I9	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	N1	205	110	86.4%	0	0.0%	1,170	1,828	-36.0%
ELEC ERCOT DLY PEAK	R1	0	0	-	0	0.0%	0	0	-
ELEC ERCOT OFF PEAK	ERU	0	0	0.0%	0	0.0%	0	2,040	-100.0%
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	1,960	-100.0%	0	0.0%	17,565	34,848	-49.6%
ELEC FINSETTLED	47	1,534	0	0.0%	0	0.0%	1,534	0	0.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0.0%	1,275	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0.0%	1,530	1,375	11.3%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	2,036	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	5,796	23,520	-75.4%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	37,600	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	0.0%	0	105	-100.0%
ELECTRICITY OFF PEAK	46	28,064	0	0.0%	0	0.0%	28,064	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	11,680	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0.0%	23,520	0	0.0%
EMC FUTURE	EMC	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CPL	250	0	0.0%	0	0.0%	500	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	0.0%	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	1,960	-100.0%	0	0.0%	24,093	145,365	-83.4%
ERCOT NORTH ZMCPE 5MW PEAK	I5	205	110	86.4%	0	0.0%	2,796	9,719	-71.2%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,307	1,560	47.9%	1,747	32.1%	28,685	20,318	41.2%
EU LOW SULPHUR GASOIL CRACK	LSC	0	900	-100.0%	0	0.0%	0	7,053	-100.0%
EURO 1% FUEL OIL NEW BALM	KX	15	10	50.0%	70	-78.6%	131	287	-54.4%

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EURO 3.5% FUEL OIL M CRK	FL	0	0	0.0%	0	0.0%	0	211	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	318	279	14.0%	337	-5.6%	6,143	3,667	67.5%
EURO 3.5% FUEL OIL SPREAD	FK	790	1,238	-36.2%	546	44.7%	9,921	7,271	36.4%
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	5	-100.0%
EURO-DENOMINATED PETRO PROD	MFT	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	250	310	-19.4%	0	0.0%	2,677	474	464.8%
EURO GASOIL 10 CAL SWAP	GT	5	0	0.0%	0	0.0%	11	7	57.1%
EURO GASOIL 10PPM VS ICE	ET	52	136	-61.8%	252	-79.4%	960	1,401	-31.5%
EUROPE 1% FUEL OIL NWE CA	UF	141	372	-62.1%	168	-16.1%	1,775	1,819	-2.4%
EUROPE 1% FUEL OIL RDAM C	UH	6	10	-40.0%	0	0.0%	166	260	-36.2%
EUROPE 3.5% FUEL OIL MED	UI	85	60	41.7%	219	-61.2%	1,101	1,683	-34.6%
EUROPE 3.5% FUEL OIL RDAM	UV	6,126	8,488	-27.8%	6,506	-5.8%	93,930	87,232	7.7%
EUROPEAN GASOIL (ICE)	7F	224,103	1,670	13,319.3%	72,383	209.6%	423,233	3,178	13,217.6%
EUROPEAN NAPHTHA BALMO	KZ	46	174	-73.6%	101	-54.5%	933	2,664	-65.0%
EUROPEAN NAPHTHA CRACK SPR	EN	2,254	4,372	-48.4%	2,891	-22.0%	74,804	103,482	-27.7%
EUROPE DATED BRENT SWAP	UB	1,600	1,625	-1.5%	0	0.0%	39,030	29,055	34.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	494	119	315.1%
EUROPE NAPHTHA CALSWAP	UN	543	1,426	-61.9%	681	-20.3%	14,011	19,911	-29.6%
EURO PROPANE CIF ARA SWA	PS	382	380	0.5%	368	3.8%	4,229	3,907	8.2%
FAME 0 BIODIESEL FOB RTDM SWP	2L	0	0	0.0%	0	-	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	14,510	1,940	647.9%
FREIGHT MARKETS	FLP	172	0	-	157	9.6%	736	0	-
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	0	40	-100.0%
FREIGHT MARKETS	TC6	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	5,770	3,882	48.6%	2,401	140.3%	41,867	46,462	-9.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	306	1,945	-84.3%
FUEL OIL (PLATS) CAR CM	1W	0	180	-100.0%	0	0.0%	264	246	7.3%
FUEL OIL (PLATS) CAR CN	1X	30	10	200.0%	36	-16.7%	206	151	36.4%
FUELOIL SWAP:CARGOES VS.B	FS	148	284	-47.9%	243	-39.1%	4,458	6,439	-30.8%
GAS EURO-BOB OXY NWE BARGES	7H	5,038	5,288	-4.7%	3,826	31.7%	74,223	74,402	-0.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	14,884	21,889	-32.0%	11,331	31.4%	181,327	264,267	-31.4%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	10	10	0.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	80	-100.0%	0	0.0%	10	90	-88.9%
GASOIL 0.1 CIF MED BALMO	X6	0	0	-	0	0.0%	5	0	-
GASOIL 0.1 CIF MED SWAP	Z4	30	0	-	20	50.0%	50	0	-

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Energy Futures									
GASOIL 0.1CIF MED VS ICE	Z5	40	0	0.0%	10	300.0%	171	341	-49.9%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	266	47	466.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	10	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	73	65	12.3%	15	386.7%	168	788	-78.7%
GASOIL 0.1 ROTTERDAM BARG	VL	0	80	-100.0%	0	0.0%	10	90	-88.9%
GASOIL 10P CRG CIF NW VS	3V	0	5	-100.0%	0	0.0%	50	74	-32.4%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	30	12	150.0%
GASOIL 10PPM VS ICE SWAP	TP	7	25	-72.0%	120	-94.2%	1,425	1,011	40.9%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL CALENDAR SWAP	GX	18	3	500.0%	3	500.0%	234	454	-48.5%
GASOIL CRACK SPREAD CALEN	GZ	2,811	300	837.0%	1,800	56.2%	37,777	28,118	34.4%
GASOIL MINI CALENDAR SWAP	QA	208	299	-30.4%	462	-55.0%	3,216	5,879	-45.3%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	0.0%	0	0.0%	0	100	-100.0%
GASOLINE UP-DOWN BALMO SW	1K	235	545	-56.9%	275	-14.5%	5,895	3,360	75.4%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	50	-100.0%	0	0.0%	200	464	-56.9%
GRP THREE ULSD(PLT)VS HEA	A6	3,590	3,814	-5.9%	3,994	-10.1%	42,041	55,832	-24.7%
GRP THREE UNL GS (PLT) VS	A8	1,825	160	1,040.6%	1,000	82.5%	16,867	16,658	1.3%
GULF COAST 3% FUEL OIL BA	VZ	833	2,043	-59.2%	1,135	-26.6%	11,936	14,155	-15.7%
GULF COAST GASOLINE CLNDR	GS	300	38	689.5%	200	50.0%	6,065	1,423	326.2%
GULF COAST JET FUEL CLNDR	GE	90	42	114.3%	285	-68.4%	3,668	3,200	14.6%
GULF COAST JET VS NYM 2 H	ME	11,554	11,570	-0.1%	24,401	-52.6%	234,612	252,738	-7.2%
GULF COAST NO.6 FUEL OIL	MF	48,874	41,779	17.0%	49,655	-1.6%	748,879	555,268	34.9%
GULF COAST NO.6 FUEL OIL	MG	250	6,337	-96.1%	100	150.0%	16,830	38,138	-55.9%
GULF COAST ULSD CALENDAR	LY	151	527	-71.3%	611	-75.3%	7,684	12,022	-36.1%
GULF COAST ULSD CRACK SPR	GY	0	675	-100.0%	775	-100.0%	3,375	16,258	-79.2%
HEATING OIL BALMO CLNDR S	1G	100	0	0.0%	1,289	-92.2%	1,754	525	234.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	HOP	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL VS ICE GASOIL	HA	0	0	0.0%	0	0.0%	0	31,300	-100.0%
HENRY HUB BASIS SWAP	HB	6,730	25,673	-73.8%	12,032	-44.1%	140,289	139,497	0.6%
HENRY HUB INDEX SWAP FUTU	IN	6,823	25,673	-73.4%	12,032	-43.3%	103,502	132,425	-21.8%
HENRY HUB SWAP	NN	371,757	474,338	-21.6%	588,258	-36.8%	4,894,775	5,688,941	-14.0%
HENRY HUB SWING FUTURE	SN	0	240	-100.0%	0	0.0%	1,200	1,046	14.7%



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Energy Futures									
HOUSTON SHIP CHANNEL BASI	NH	6,273	8,058	-22.2%	4,001	56.8%	44,228	39,419	12.2%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0.0%	180	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	-	0	0.0%	4,073	0	-
ICE BRENT DUBAI SWAP	DB	150	0	0.0%	600	-75.0%	9,710	3,867	151.1%
ICE GASOIL BALMO SWAP	U9	0	3	-100.0%	0	0.0%	0	38	-100.0%
IN DELIVERY MONTH EUA	6T	0	7,430	-100.0%	1,456	-100.0%	100,253	113,636	-11.8%
INDIANA MISO	FAD	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	159,591	-100.0%
INDIANA MISO	PDD	0	0	-	0	0.0%	0	0	-
INDIANA MISO	PDM	0	231	-100.0%	0	0.0%	2,240	2,762	-18.9%
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	3,858	-100.0%
INDONESIAN COAL	MCC	140	620	-77.4%	45	211.1%	1,745	14,075	-87.6%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	1,062	-100.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	20	-100.0%	20	1,246	-98.4%
JAPAN C&F NAPHTHA CRACK S	JB	367	208	76.4%	236	55.5%	3,140	1,224	156.5%
JAPAN C&F NAPHTHA SWAP	JA	837	1,059	-21.0%	774	8.1%	11,062	13,243	-16.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	9	-100.0%	44	-100.0%	481	780	-38.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	25	51	-51.0%	0	0.0%	238	280	-15.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	15	15	0.0%
JET CIF NWE VS ICE	JC	25	116	-78.4%	0	0.0%	1,114	1,474	-24.4%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	40	5	700.0%
JET FUEL CARGOES CIF NEW	F3	0	0	0.0%	0	0.0%	0	4	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	47	55	-14.5%
JET FUEL UP-DOWN BALMO CL	1M	7,100	225	3,055.6%	4,980	42.6%	34,687	29,382	18.1%
JET UP-DOWN(ARGUS) SWAP	JU	0	0	0.0%	0	-	0	0	0.0%
LA CARB DIESEL (OPIS)	LX	0	26	-100.0%	156	-100.0%	234	102	129.4%
LA CARB DIESEL (OPIS) SWA	KL	25	209	-88.0%	402	-93.8%	7,041	11,206	-37.2%
LA CARBOB GASOLINE(OPIS)S	JL	200	250	-20.0%	450	-55.6%	5,425	6,850	-20.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	220	-100.0%	490	1,630	-69.9%
LA JET (OPIS) SWAP	JS	475	75	533.3%	1,140	-58.3%	10,235	6,950	47.3%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	5,404	6,866	-21.3%	11,379	-52.5%	106,240	108,726	-2.3%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
MARS (ARGUS) VS WTI SWAP	YX	7,958	4,473	77.9%	7,565	5.2%	68,843	42,622	61.5%
MARS (ARGUS) VS WTI TRD M	YV	1,173	0	0.0%	1,805	-35.0%	16,598	640	2,493.4%
MCCLOSKEY ARA ARGS COAL	MTF	194,985	148,726	31.1%	234,235	-16.8%	1,996,925	1,453,232	37.4%
MCCLOSKEY RCH BAY COAL	MFF	28,598	32,895	-13.1%	39,647	-27.9%	263,656	370,450	-28.8%
MGF FUT	MGF	0	0	0.0%	10	-100.0%	86	150	-42.7%
MGN1 SWAP FUT	MGN	190	139	36.7%	181	5.0%	1,688	966	74.7%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN BASIS	NF	1,095	355	208.5%	2,537	-56.8%	6,554	3,021	116.9%
MICHIGAN HUB OFF-PEAK MON	HJ	0	0	0.0%	0	0.0%	0	24	-100.0%
MICHIGAN HUB PEAK MONTH S	HM	0	0	0.0%	0	0.0%	0	24	-100.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	121,440	308,784	-60.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	6,795	14,296	-52.5%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	128	561	-77.2%	20	540.0%	3,245	6,696	-51.5%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	280	170	64.7%	350	-20.0%	4,753	6,148	-22.7%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,172	456	157.0%	695	68.6%	7,812	5,100	53.2%
MISO 5MW OFF PEAK	4R	0	0	0.0%	0	0.0%	0	0	0.0%
MISO 5MW PEAK	4Q	0	0	0.0%	0	0.0%	0	0	0.0%
MJB FUT	MJB	0	0	-	0	0.0%	10	0	-
MJC FUT	MJC	50	0	0.0%	40	25.0%	660	480	37.5%
MNC FUT	MNC	4,028	5,233	-23.0%	3,218	25.2%	46,954	56,264	-16.5%
MONT BELVIEU ETHANE 5 DECIMAL	C0	4,410	9,453	-53.3%	9,245	-52.3%	74,467	39,384	89.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	330	-100.0%	250	-100.0%	2,675	1,255	113.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	70,222	51,863	35.4%	68,624	2.3%	532,882	340,718	56.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	675	361	87.0%	480	40.6%	7,363	7,742	-4.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	4,727	12,856	-63.2%	4,495	5.2%	60,478	79,033	-23.5%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	110	295	-62.7%	127	-13.4%	4,050	3,500	15.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	20,209	20,578	-1.8%	22,523	-10.3%	191,212	154,401	23.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	202	757	-73.3%	665	-69.6%	5,131	4,591	11.8%
NAT GAS BASIS SWAP	SGW	0	0	-	0	0.0%	40	0	-
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	96	-100.0%	5,234	7,676	-31.8%
NATURAL GAS	XAC	0	0	0.0%	0	0.0%	0	66	-100.0%
NATURAL GAS	XSC	0	0	-	0	0.0%	0	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	0.0%	3,416	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	-	0	0.0%	6,452	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	0.0%	1,464	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	0.0%	496	0	-



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Energy Futures									
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	0.0%	572	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	-	0	0.0%	448	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	0.0%	84	0	-
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	0	648	-100.0%
NATURAL GAS PEN SWP	NP	148,063	273,770	-45.9%	184,499	-19.7%	1,994,207	4,137,526	-51.8%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	4,696	-100.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	254	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	67,738	106,639	-36.5%	58,640	15.5%	319,140	342,323	-6.8%
NEPOOL INTR HUB 5MW D AH	U6	2,268	5,804	-60.9%	4,355	-47.9%	19,558	15,929	22.8%
NEPOOL MAINE 5MW D AH O E	W2	0	0	0.0%	0	0.0%	0	3,680	-100.0%
NEPOOL MAINE 5MW D AH PK	P9	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	3,920	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	1,385	0	0.0%
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	1,408	5,804	-75.7%	2,025	-30.5%	10,949	20,732	-47.2%
NEPOOL RHODE IL 5MW D AH	U5	26,898	106,639	-74.8%	11,840	127.2%	109,503	351,278	-68.8%
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	15,520	0	0.0%	0	0.0%	44,368	9,392	372.4%
NEPOOL W CNTR M 5MW D AH	R6	860	0	0.0%	0	0.0%	1,700	508	234.6%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	0.0%	0	0	-
NEW YORK 0.3% FUEL OIL HI	8N	0	0	0.0%	0	-	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,075	1,315	-18.3%	1,225	-12.2%	11,215	14,687	-23.6%
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	310	938	-67.0%	2,230	-86.1%	43,763	3,557	1,130.3%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0.0%	300	0	0.0%
NGPL STX NAT GAS INDEX SW	N6	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	3,031	7,565	-59.9%	3,398	-10.8%	80,490	44,367	81.4%
NGPL TEXOK INDEX	OI	0	0	0.0%	480	-100.0%	1,146	0	0.0%
NGPL TEXOK SWING SWAP	OX	0	240	-100.0%	0	0.0%	0	240	-100.0%
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%	70	1,106	-93.7%
NO 2 UP-DOWN SPREAD CALEN	UT	675	75	800.0%	200	237.5%	3,884	2,075	87.2%
NORTHEN NATURAL GAS DEMAR	PE	124	2,480	-95.0%	124	0.0%	5,593	6,105	-8.4%

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Energy Futures									
NORTHERN NATURAL GAS VENTU	PF	0	4,997	-100.0%	302	-100.0%	4,962	7,169	-30.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	102	140	-27.1%
NORTHWEST ROCKIES BASIS S	NR	17,330	2,139	710.2%	12,968	33.6%	109,855	13,699	701.9%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	991	3,470	-71.4%
NY1% VS GC SPREAD SWAP	VR	2,050	2,035	0.7%	4,509	-54.5%	25,419	49,397	-48.5%
NY 2.2% FUEL OIL (PLATTS	Y3	0	50	-100.0%	230	-100.0%	640	900	-28.9%
NY 3.0% FUEL OIL (PLATTS	H1	450	200	125.0%	600	-25.0%	4,195	2,335	79.7%
NY HARBOR 1% FUEL OIL BAL	VK	34	0	0.0%	175	-80.6%	531	901	-41.1%
NY HARBOR HEAT OIL SWP	MP	2,166	6,850	-68.4%	3,433	-36.9%	49,699	59,866	-17.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	510	-100.0%	0	0.0%	4,042	6,735	-40.0%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	0.0%	0	0.0%	0	150	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	5,469	4,278	27.8%	6,944	-21.2%	55,172	69,709	-20.9%
NY HARBOR RESIDUAL FUEL C	ML	0	50	-100.0%	0	0.0%	100	450	-77.8%
NYH NO 2 CRACK SPREAD CAL	HK	66	1,107	-94.0%	6,310	-99.0%	25,160	42,142	-40.3%
NY H OIL PLATTS VS NYMEX	YH	0	1,104	-100.0%	0	0.0%	976	5,540	-82.4%
NYISO A	KA	0	895	-100.0%	0	0.0%	982	7,237	-86.4%
NYISO A OFF-PEAK	KB	0	70	-100.0%	0	0.0%	440	2,490	-82.3%
NYISO CAPACITY	NNC	899	0	0.0%	234	284.2%	3,359	1,014	231.3%
NYISO CAPACITY	NRS	444	30	1,380.0%	548	-19.0%	4,834	1,857	160.3%
NYISO G	KG	0	41	-100.0%	0	0.0%	471	1,265	-62.8%
NYISO G OFF-PEAK	KH	0	90	-100.0%	0	0.0%	190	550	-65.5%
NYISO J	KJ	509	1,573	-67.6%	320	59.1%	3,220	5,084	-36.7%
NYISO J OFF-PEAK	KK	0	120	-100.0%	0	0.0%	580	480	20.8%
NYISO ZONE A 5MW D AH O P	K4	54,016	0	0.0%	0	0.0%	419,096	269,628	55.4%
NYISO ZONE A 5MW D AH PK	K3	440	1,275	-65.5%	0	0.0%	17,286	15,610	10.7%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	0	430	-100.0%
NYISO ZONE G 5MW D AH O P	D2	3,920	0	0.0%	112,232	-96.5%	244,208	114,603	113.1%
NYISO ZONE G 5MW D AH PK	T3	1,275	0	0.0%	3,414	-62.7%	32,764	12,130	170.1%
NYISO ZONE J 5MW D AH O P	D4	0	23,320	-100.0%	0	0.0%	56,034	104,528	-46.4%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	2,804	-100.0%	9,071	7,551	20.1%
NY JET FUEL (ARGUS) VS HEATING OIL	5U	0	0	0.0%	0	0.0%	0	325	-100.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	1,300	-100.0%	10	-100.0%	1,745	30,808	-94.3%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	75	-100.0%
NYMEX ULSD VS NYMEX HO	UY	75	170	-55.9%	0	0.0%	1,188	839	41.6%
NY ULSD (ARGUS) VS HEATING OIL	7Y	1,275	2,579	-50.6%	6,444	-80.2%	31,013	24,932	24.4%

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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Futures									
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	2,261	2,392	-5.5%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	497	-100.0%
ONTARIO POWER SWAPS	OFM	18,816	3,960	375.2%	0	0.0%	159,856	253,474	-36.9%
ONTARIO POWER SWAPS	OPD	45	30	50.0%	60	-25.0%	315	409	-23.0%
ONTARIO POWER SWAPS	OPM	990	330	200.0%	110	800.0%	8,990	22,407	-59.9%
OPIS PHYSICAL NATURAL GASOLINE	3R	0	0	0.0%	0	-	0	0	0.0%
OPIS PHYSICAL NORMAL BUTANE	3M	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	3,473	6,570	-47.1%	13,251	-73.8%	124,161	36,439	240.7%
PANHANDLE INDEX SWAP FUTU	IV	496	0	0.0%	0	0.0%	2,514	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	314	0	0.0%
PERMIAN BASIS SWAP	PM	3,908	4,262	-8.3%	4,294	-9.0%	22,026	11,157	97.4%
PETROCHEMICALS	22	39	68	-42.6%	50	-22.0%	333	241	38.2%
PETROCHEMICALS	32	55	66	-16.7%	21	161.9%	495	742	-33.3%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	2	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	8I	735	546	34.6%	478	53.8%	5,213	3,665	42.2%
PETROCHEMICALS	91	32	34	-5.9%	19	68.4%	278	267	4.1%
PETROCHEMICALS	HPE	0	70	-100.0%	0	0.0%	58	206	-71.8%
PETROCHEMICALS	JKM	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	76	82	-7.3%
PETROCHEMICALS	MAE	20	10	100.0%	10	100.0%	240	60	300.0%
PETROCHEMICALS	MAS	60	70	-14.3%	10	500.0%	345	622	-44.5%
PETROCHEMICALS	MBE	2,290	1,705	34.3%	3,080	-25.6%	20,155	26,396	-23.6%
PETROCHEMICALS	MNB	1,128	384	193.8%	193	484.5%	14,979	14,448	3.7%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	162	-100.0%	612	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	330	0	0.0%	0	0.0%	760	1,656	-54.1%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	50	-100.0%	318	295	7.8%
PETRO CRCKS & SPRDS NA	CBA	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	CRB	200	0	0.0%	0	0.0%	2,643	951	177.9%
PETRO CRCKS & SPRDS NA	EXR	652	897	-27.3%	783	-16.7%	12,489	13,222	-5.5%
PETRO CRCKS & SPRDS NA	FOC	1,325	300	341.7%	350	278.6%	5,415	3,478	55.7%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0.0%	50	300	-83.3%
PETRO CRCKS & SPRDS NA	GCI	759	775	-2.1%	300	153.0%	11,690	10,361	12.8%
PETRO CRCKS & SPRDS NA	GCU	3,780	10,609	-64.4%	7,390	-48.8%	124,120	128,712	-3.6%
PETRO CRCKS & SPRDS NA	GFC	0	45	-100.0%	0	0.0%	100	240	-58.3%
PETRO CRCKS & SPRDS NA	HOB	1,228	1,221	0.6%	1,875	-34.5%	37,350	11,374	228.4%

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Energy Futures									
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	390	300	30.0%
PETRO CRCKS & SPRDS NA	NFC	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	200	830	-75.9%
PETRO CRCKS & SPRDS NA	NYF	200	75	166.7%	0	0.0%	2,300	6,047	-62.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	25	-100.0%
PETRO CRCKS & SPRDS NA	RBB	11,530	8,111	42.2%	8,273	39.4%	115,463	95,976	20.3%
PETRO CRCKS & SPRDS NA	RVG	550	0	0.0%	250	120.0%	3,015	5,770	-47.7%
PETRO CRK&SPRD EURO	1NB	442	2,881	-84.7%	2,027	-78.2%	17,472	27,261	-35.9%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO CRK&SPRD EURO	43	49	104	-52.9%	56	-12.5%	3,708	3,571	3.8%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	170	1,060	-84.0%
PETRO CRK&SPRD EURO	BOB	1,457	597	144.1%	2,012	-27.6%	18,730	7,878	137.8%
PETRO CRK&SPRD EURO	EBF	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EOB	21	0	0.0%	30	-30.0%	383	120	219.2%
PETRO CRK&SPRD EURO	EPN	55	102	-46.1%	36	52.8%	525	955	-45.0%
PETRO CRK&SPRD EURO	EVC	612	845	-27.6%	760	-19.5%	15,732	7,112	121.2%
PETRO CRK&SPRD EURO	FBT	130	60	116.7%	90	44.4%	660	900	-26.7%
PETRO CRK&SPRD EURO	FVB	11	0	0.0%	0	0.0%	31	15	106.7%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	1,158	1,085	6.7%
PETRO CRK&SPRD EURO	GOC	30	0	0.0%	0	0.0%	674	602	12.0%
PETRO CRK&SPRD EURO	GRB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	GRS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	10	-100.0%	434	188	130.9%
PETRO CRK&SPRD EURO	MUD	0	172	-100.0%	191	-100.0%	802	1,317	-39.1%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	56	25	124.0%
PETRO CRK&SPRD EURO	NOB	270	94	187.2%	261	3.4%	2,096	1,197	75.1%
PETRO CRK&SPRD EURO	NYG	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	15	5	200.0%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	0.0%	0	32	-100.0%
PETROLEUM PRODUCTS	D43	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	45	-100.0%	0	0.0%	34	1,158	-97.1%
PETROLEUM PRODUCTS	D45	0	0	-	0	0.0%	58	0	-
PETROLEUM PRODUCTS	D53	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D62	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D63	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Futures									
PETROLEUM PRODUCTS	D64	0	386	-100.0%	0	0.0%	209	2,148	-90.3%
PETROLEUM PRODUCTS	D65	0	0	-	0	0.0%	140	0	-
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	25	17	47.1%
PETROLEUM PRODUCTS	EWG	12	0	0.0%	0	0.0%	18	152	-88.2%
PETROLEUM PRODUCTS	RMG	0	0	0.0%	0	0.0%	0	60	-100.0%
PETROLEUM PRODUCTS	RMK	0	0	0.0%	0	0.0%	0	110	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	29	-100.0%	0	0.0%	812	840	-3.3%
PETROLEUM PRODUCTS ASIA	MJN	1,310	1,540	-14.9%	860	52.3%	17,385	19,095	-9.0%
PETRO OUTRIGHT EURO	0A	0	0	-	20	-100.0%	90	0	-
PETRO OUTRIGHT EURO	0B	120	100	20.0%	20	500.0%	1,034	3,245	-68.1%
PETRO OUTRIGHT EURO	0C	90	0	0.0%	8	1,025.0%	213	515	-58.6%
PETRO OUTRIGHT EURO	0D	5,402	4,356	24.0%	4,838	11.7%	47,846	38,395	24.6%
PETRO OUTRIGHT EURO	0E	580	638	-9.1%	418	38.8%	4,988	2,648	88.4%
PETRO OUTRIGHT EURO	0F	798	611	30.6%	866	-7.9%	10,154	13,402	-24.2%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	85	23	269.6%
PETRO OUTRIGHT EURO	33	15	34	-55.9%	30	-50.0%	618	618	0.0%
PETRO OUTRIGHT EURO	59	0	0	0.0%	0	0.0%	0	680	-100.0%
PETRO OUTRIGHT EURO	5L	45	35	28.6%	75	-40.0%	1,175	1,640	-28.4%
PETRO OUTRIGHT EURO	63	128	177	-27.7%	65	96.9%	1,057	1,503	-29.7%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	16	0	0.0%
PETRO OUTRIGHT EURO	7I	279	405	-31.1%	230	21.3%	1,992	6,627	-69.9%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	0.0%	40	25	60.0%
PETRO OUTRIGHT EURO	7R	160	342	-53.2%	37	332.4%	2,879	5,148	-44.1%
PETRO OUTRIGHT EURO	88	52	0	0.0%	0	0.0%	295	161	83.2%
PETRO OUTRIGHT EURO	CBB	0	50	-100.0%	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	-	0	0.0%	30	0	-
PETRO OUTRIGHT EURO	CPB	52	150	-65.3%	86	-39.5%	506	447	13.2%
PETRO OUTRIGHT EURO	EFF	10	5	100.0%	0	0.0%	169	246	-31.3%
PETRO OUTRIGHT EURO	EFM	0	30	-100.0%	0	0.0%	455	1,170	-61.1%
PETRO OUTRIGHT EURO	ENS	45	25	80.0%	122	-63.1%	653	1,419	-54.0%
PETRO OUTRIGHT EURO	EWN	55	91	-39.6%	172	-68.0%	1,028	534	92.5%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	0.0%	121	15	706.7%
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	50	-100.0%	245	765	-68.0%
PETRO OUTRIGHT EURO	MBN	938	1,260	-25.6%	1,594	-41.2%	12,199	16,694	-26.9%
PETRO OUTRIGHT EURO	RBF	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT EURO	SMU	0	50	-100.0%	0	0.0%	600	300	100.0%



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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	T0	61	209	-70.8%	82	-25.6%	1,911	944	102.4%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	1,550	490	216.3%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	2,794	2,700	3.5%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	60	-100.0%	698	294	137.4%
PETRO OUTRIGHT EURO	Y0	0	0	-	0	0.0%	100	0	-
PETRO OUTRIGHT NA	5Y	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	1,280	-100.0%
PETRO OUTRIGHT NA	FCB	431	109	295.4%	64	573.4%	2,974	2,819	5.5%
PETRO OUTRIGHT NA	FOB	0	0	0.0%	0	0.0%	10	0	0.0%
PETRO OUTRIGHT NA	FOM	0	10	-100.0%	15	-100.0%	62	47	31.9%
PETRO OUTRIGHT NA	GKS	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	JE	240	20	1,100.0%	0	0.0%	455	20	2,175.0%
PETRO OUTRIGHT NA	JET	1,750	0	-	1,715	2.0%	14,245	0	-
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0.0%	746	1,430	-47.8%
PETRO OUTRIGHT NA	MEN	376	692	-45.7%	449	-16.3%	6,893	8,490	-18.8%
PETRO OUTRIGHT NA	MEO	8,051	7,932	1.5%	5,954	35.2%	90,724	104,960	-13.6%
PETRO OUTRIGHT NA	MFD	160	50	220.0%	262	-38.9%	835	1,117	-25.2%
PETRO OUTRIGHT NA	MMF	269	50	438.0%	155	73.5%	1,769	764	131.5%
PETRO OUTRIGHT NA	NYB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	25	115	-78.3%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0.0%	90	50	80.0%
PGE&E CITYGATE	PC	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	168,272	0	0.0%	234,832	-28.3%	1,533,998	1,989,829	-22.9%
PJM AD HUB 5MW REAL TIME	Z9	28,245	0	0.0%	9,750	189.7%	104,549	113,984	-8.3%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0.0%	0	126,432	-100.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	0.0%	132	6,894	-98.1%
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%	0	0.0%	23,400	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0.0%	1,275	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0.0%	84,325	24,648	242.1%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	2,580	-100.0%	7,150	1,362	425.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	343	-100.0%

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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Futures									
PJM DAYTON DA OFF-PEAK	R7	54,880	0	0.0%	15,860	246.0%	168,188	565,222	-70.2%
PJM DAYTON DA PEAK	D7	3,310	0	0.0%	110	2,909.1%	12,650	32,284	-60.8%
PJM DPL DA OFF-PEAK	E8	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DPL DA PEAK	L8	0	0	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	0.0%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	15,360	140,480	-89.1%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	650	7,660	-91.5%
PJM NI HUB 5MW REAL TIME	B3	18,189	0	0.0%	10,485	73.5%	63,052	27,630	128.2%
PJM NI HUB 5MW REAL TIME	B6	131,360	0	0.0%	254,510	-48.4%	1,775,980	617,032	187.8%
PJM NILL DA OFF-PEAK	L3	59,478	10,144	486.3%	20,927	184.2%	482,780	227,920	111.8%
PJM NILL DA PEAK	N3	2,777	389	613.9%	5,183	-46.4%	22,504	14,457	55.7%
PJM OFF-PEAK LMP SWAP FUT	JP	120	240	-50.0%	0	0.0%	1,864	4,734	-60.6%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	650	0	0.0%
PJM PEPCO DA OFF-PEAK	Q8	0	0	0.0%	0	0.0%	7,440	0	0.0%
PJM PEPCO DA PEAK	R8	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	37,632	-100.0%	61,152	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	2,040	-100.0%	3,315	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	1,960	-100.0%	1,960	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	110	-100.0%	110	0	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0.0%	0	151	-100.0%
PJM WESTH DA OFF-PEAK	E4	59,104	0	0.0%	540,772	-89.1%	748,996	1,241,519	-39.7%
PJM WESTHDA PEAK	J4	2,824	0	0.0%	27,960	-89.9%	39,599	70,693	-44.0%
PJM WESTH RT OFF-PEAK	N9	332,200	0	0.0%	1,173,714	-71.7%	3,172,060	3,605,597	-12.0%
PJM WESTH RT PEAK	L1	30,967	1,025	2,921.2%	62,485	-50.4%	217,211	217,583	-0.2%
PLASTICS	PGP	120	1,190	-89.9%	765	-84.3%	10,535	5,691	85.1%
PLASTICS	PPP	0	0	0.0%	0	0.0%	0	0	0.0%
POLYETHYLENE FUTURES	P6	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	142	482	-70.5%	38	273.7%	3,124	4,663	-33.0%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	0.0%	0	0.0%	0	6	-100.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	61	-100.0%	0	0.0%	698	1,159	-39.8%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	9	-100.0%	0	0.0%	84	23	265.2%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	35	13	169.2%	0	0.0%	295	276	6.9%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	936	0	0.0%	151	519.9%	2,513	380	561.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,692	2,995	323.8%	7,242	75.3%	86,150	18,144	374.8%

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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Futures									
RBOB CALENDAR SWAP	RL	9,679	7,395	30.9%	5,502	75.9%	73,955	92,549	-20.1%
RBOB CRACK SPREAD	RM	1,140	1,060	7.5%	552	106.5%	11,179	16,879	-33.8%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	30	-100.0%	30	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	1,697	42	3,940.5%	82	1,969.5%	11,754	8,128	44.6%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB PHY	RBP	0	0	0.0%	0	-	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	92	63	46.0%
RBOB UP-DOWN CALENDAR SWA	RV	11,493	8,925	28.8%	13,930	-17.5%	112,848	98,203	14.9%
RBOB VS HEATING OIL SWAP	RH	750	1,200	-37.5%	150	400.0%	10,075	4,675	115.5%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	1,880	-100.0%	1,880	0	-
SAN JUAN BASIS SWAP	NJ	4,787	774	518.5%	1,791	167.3%	24,685	2,268	988.4%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	336	-100.0%
SINGAPORE 180CST BALMO	BS	51	30	70.0%	22	131.8%	435	792	-45.1%
SINGAPORE 380CST BALMO	BT	121	24	404.2%	22	450.0%	1,246	803	55.2%
SINGAPORE 380CST FUEL OIL	SE	5,648	3,268	72.8%	4,001	41.2%	57,813	35,128	64.6%
SINGAPORE FUEL 180CST CAL	UA	1,022	3,472	-70.6%	1,396	-26.8%	21,215	47,979	-55.8%
SINGAPORE FUEL OIL SPREAD	SD	343	170	101.8%	455	-24.6%	5,422	4,693	15.5%
SINGAPORE GASOIL	MTB	50	92	-45.7%	35	42.9%	1,344	1,661	-19.1%
SINGAPORE GASOIL	MTS	2,966	3,772	-21.4%	2,181	36.0%	27,705	23,524	17.8%
SINGAPORE GASOIL	STF	0	0	0.0%	0	0.0%	0	10	-100.0%
SINGAPORE GASOIL	STL	0	225	-100.0%	0	0.0%	150	225	-33.3%
SINGAPORE GASOIL	STZ	250	0	0.0%	0	0.0%	250	940	-73.4%
SINGAPORE GASOIL BALMO	VU	0	240	-100.0%	350	-100.0%	1,144	8,876	-87.1%
SINGAPORE GASOIL CALENDAR	MSG	0	552	-100.0%	240	-100.0%	6,868	7,776	-11.7%
SINGAPORE GASOIL SWAP	SG	1,918	5,178	-63.0%	2,881	-33.4%	26,065	85,956	-69.7%
SINGAPORE GASOIL VS ICE	GA	150	1,150	-87.0%	1,050	-85.7%	6,000	40,534	-85.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	225	-100.0%	550	270	103.7%
SINGAPORE JET KERO GASOIL	RK	100	775	-87.1%	500	-80.0%	3,620	16,776	-78.4%
SINGAPORE JET KEROSENE SW	KS	832	3,528	-76.4%	1,135	-26.7%	15,484	50,338	-69.2%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	50	-100.0%	0	0.0%	50	50	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	175	1,050	-83.3%	425	-58.8%	3,408	6,499	-47.6%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	8,042	13,223	-39.2%	3,210	150.5%	72,166	166,013	-56.5%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	0	200	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	1,175	1,675	-29.9%
SING FUEL	MSD	0	0	0.0%	0	0.0%	10	20	-50.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0.0%	96	0	0.0%



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Energy Futures									
SOCAL PIPE SWAP	XN	0	66	-100.0%	0	0.0%	488	66	639.4%
SONAT BASIS SWAP FUTURE	SZ	0	248	-100.0%	30	-100.0%	14,718	5,828	152.5%
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	0.0%	4,280	0	-
SOUTH STAR TEX OKLHM KNS	8Z	732	0	0.0%	1,216	-39.8%	7,255	765	848.4%
Sumas Basis Swap	NK	552	340	62.4%	580	-4.8%	13,981	2,341	497.2%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	-	0	0.0%	2,893	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0.0%	13	250	-94.8%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	30	25	20.0%
TCO BASIS SWAP	TC	1,377	49,085	-97.2%	4,599	-70.1%	35,804	166,357	-78.5%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	3,904	3,656	6.8%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0.0%	0	5	-100.0%
TD5 WEST AFRICA TO USAC 1	TI	0	0	0.0%	0	-	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	279	0	0.0%	2,094	-86.7%	2,373	124	1,813.7%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	5,526	2,262	144.3%
TENNESSEE 500 LEG NG INDE	Y7	0	0	0.0%	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG NG SWIN	T7	0	0	0.0%	0	0.0%	0	279	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	3,908	2,568	52.2%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	604	-100.0%	604	224	169.6%
Tetco ELA Basis	TE	0	0	-	0	0.0%	1,360	0	-
TETCO M-3 INDEX	IX	0	0	0.0%	0	0.0%	6,784	7,698	-11.9%
Tetco STX Basis	TX	365	0	0.0%	0	0.0%	4,669	62	7,430.6%
TEXAS EASTERN ZONE M-3 BA	NX	1,870	428	336.9%	4,516	-58.6%	20,799	41,697	-50.1%
TEXAS EAST W LOUISIANA NG	8B	0	0	0.0%	0	-	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	16,156	792	1,939.9%
TEXAS GAS ZONE SL BASIS S	TB	0	0	0.0%	0	-	0	0	0.0%
TRANSCO ZONE 1 NAT GAS IN	C4	0	0	0.0%	0	-	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	0.0%	368	122	201.6%
Transco Zone 3 Basis	CZ	0	0	0.0%	938	-100.0%	6,975	4,584	52.2%
TRANSCO ZONE4 BASIS SWAP	TR	1,760	1,780	-1.1%	1,675	5.1%	70,019	11,035	534.5%
TRANSCO ZONE 4 NAT GAS IN	B2	0	372	-100.0%	0	0.0%	930	372	150.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	213	608	-65.0%	1,068	-80.1%	10,238	3,010	240.1%
TRANSCO ZONE 6 INDEX	IT	0	40	-100.0%	0	0.0%	76	835	-90.9%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	-	0	0.0%	122	0	-
UCM FUT	UCM	0	0	0.0%	60	-100.0%	578	618	-6.5%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
ULSD 10PPM CIF MED VS ICE	Z7	128	5	2,460.0%	100	28.0%	909	537	69.3%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	0.0%	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	2	-100.0%	0	0.0%	25	37	-32.4%
ULSD UP-DOWN(ARGUS) SWAP	US	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	6,935	843	722.7%	3,650	90.0%	37,293	17,037	118.9%
UP DOWN GC ULSD VS NMX HO	LT	47,287	29,977	57.7%	50,964	-7.2%	448,570	342,131	31.1%
USGC UNL 87 CRACK SPREAD	RU	675	100	575.0%	150	350.0%	3,350	4,800	-30.2%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	-	0	0.0%	44	0	-
WAHA BASIS	NW	2,258	4,983	-54.7%	7,155	-68.4%	33,243	20,708	60.5%
WAHA INDEX SWAP FUTURE	IY	1,712	0	0.0%	0	0.0%	1,712	210	715.2%
WESTERN RAIL DELIVERY PRB	QP	2,385	3,855	-38.1%	3,015	-20.9%	25,650	33,345	-23.1%
WTI-BRENT BULLET SWAP	BY	0	100	-100.0%	0	0.0%	0	7,650	-100.0%
WTI-BRENT CALENDAR SWAP	BK	16,685	30,805	-45.8%	19,235	-13.3%	251,861	240,401	4.8%
WTI CALENDAR	CS	20,736	33,325	-37.8%	35,958	-42.3%	383,221	371,680	3.1%
WTS (ARGUS) VS WTI SWAP	FF	3,600	13,758	-73.8%	1,230	192.7%	59,120	55,435	6.6%
WTS (ARGUS) VS WTI TRD MT	FH	150	2,962	-94.9%	1,270	-88.2%	18,991	11,570	64.1%
Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	100	-100.0%	100	0	-
APPALACHIAN COAL	6K	0	0	0.0%	0	0.0%	40	845	-95.3%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0.0%	0	200	-100.0%
BRENT CALENDAR SWAP	BA	1,113	15,774	-92.9%	1,311	-15.1%	151,117	375,807	-59.8%
BRENT OIL LAST DAY	BE	1,166	9,451	-87.7%	1,187	-1.8%	51,764	98,455	-47.4%
BRENT OIL LAST DAY	OS	1,982	11,672	-83.0%	1,006	97.0%	54,889	213,177	-74.3%
CINERGY HUB PEAK MONTH	OY	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	CLA	4,275	1,170	265.4%	6,800	-37.1%	61,073	4,280	1,326.9%
COAL API2 INDEX	CQA	12,675	145	8,641.4%	10,225	24.0%	94,567	3,605	2,523.2%
COAL API2 INDEX	MTC	0	0	-	0	0.0%	151	0	-
COAL API4 INDEX	RLA	0	100	-100.0%	25	-100.0%	1,400	1,015	37.9%
COAL API4 INDEX	RQA	0	0	0.0%	25	-100.0%	600	155	287.1%
COAL SWAP	CPF	0	55	-100.0%	65	-100.0%	730	930	-21.5%
COAL SWAP	RPF	1,360	735	85.0%	40	3,300.0%	3,830	2,065	85.5%
CRUDE OIL 1MO	WA	140,525	224,835	-37.5%	118,070	19.0%	2,236,032	1,957,596	14.2%
CRUDE OIL APO	AO	23,940	83,780	-71.4%	33,841	-29.3%	708,765	805,406	-12.0%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	60	-100.0%

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Energy Options									
CRUDE OIL OUTRIGHTS	AH	16,000	0	0.0%	0	0.0%	16,600	900	1,744.4%
CRUDE OIL OUTRIGHTS	DBP	0	2,700	-100.0%	0	0.0%	900	5,220	-82.8%
CRUDE OIL PHY	CD	2,200	6,600	-66.7%	1,700	29.4%	17,800	19,400	-8.2%
CRUDE OIL PHY	LC	58,673	23,986	144.6%	10,988	434.0%	474,802	178,253	166.4%
CRUDE OIL PHY	LO	2,776,673	2,949,713	-5.9%	3,077,433	-9.8%	36,309,306	27,183,152	33.6%
CRUDE OIL PHY	LO1	3,664	5,513	-33.5%	1,397	162.3%	43,775	31,675	38.2%
CRUDE OIL PHY	LO2	3,612	10,358	-65.1%	1,962	84.1%	32,820	38,944	-15.7%
CRUDE OIL PHY	LO3	1,136	7,845	-85.5%	1,587	-28.4%	22,805	24,877	-8.3%
CRUDE OIL PHY	LO4	1,168	13,632	-91.4%	1,810	-35.5%	26,949	40,559	-33.6%
CRUDE OIL PHY	LO5	0	0	0.0%	4,623	-100.0%	15,318	11,322	35.3%
DAILY CRUDE OIL	DNM	0	4,600	-100.0%	0	0.0%	8,000	35,900	-77.7%
ELEC FINSETTLED	PJD	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	PJH	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	PML	0	28	-100.0%	0	0.0%	39	1,401	-97.2%
ELEC MISO PEAK	9T	2,540	0	-	0	-	2,540	0	-
ELEC MISO PEAK	OEM	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	0.0%	0	4,564	-100.0%
ETHANOL SWAP	CVR	4,237	7,436	-43.0%	8,169	-48.1%	67,195	95,349	-29.5%
ETHANOL SWAP	GVR	150	0	0.0%	720	-79.2%	3,934	16,995	-76.9%
EURO-DENOMINATED PETRO PROD	EFB	0	0	0.0%	0	0.0%	0	675	-100.0%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	15	-100.0%	15	40	-62.5%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	0.0%	0	822	-100.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	125	699	-82.1%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	301	270	11.5%	50	502.0%	5,098	8,549	-40.4%
HEATING OIL PHY	OH	39,306	62,171	-36.8%	45,184	-13.0%	543,190	723,915	-25.0%
HENRY HUB FINANCIAL LAST	E7	1,206	8,420	-85.7%	649	85.8%	22,003	59,667	-63.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	3,500	20,660	-83.1%
HUSTN SHIP CHNL PIPE SWP	PK	364	0	-	0	0.0%	3,724	0	-
IN DELIVERY MONTH EUA OPTIONS	6U	0	0	0.0%	0	-	0	0	0.0%
ISO NEW ENGLAND PK LMP	OE	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	4,080	0	-	0	-	4,080	0	-
MCCLOSKEY ARA ARGS COAL	MTO	5,200	2,400	116.7%	0	0.0%	8,995	26,345	-65.9%
MCCLOSKEY RCH BAY COAL	MFO	0	2,400	-100.0%	0	0.0%	1,875	4,140	-54.7%
NATURAL GAS 12 M CSO FIN	G7	500	0	-	700	-28.6%	2,200	0	-

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Energy Options									
NATURAL GAS 1 M CSO FIN	G4	21,200	100,023	-78.8%	28,900	-26.6%	254,934	802,142	-68.2%
NATURAL GAS 1MO	IA	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 2 M CSO FIN	G2	1,000	1,400	-28.6%	1,000	0.0%	4,950	1,600	209.4%
NATURAL GAS 3 M CSO FIN	G3	1,150	650	76.9%	500	130.0%	65,445	66,983	-2.3%
NATURAL GAS 5 M CSO FIN	G5	0	450	-100.0%	0	0.0%	2,700	600	350.0%
NATURAL GAS 6 M CSO FIN	G6	1,000	2,950	-66.1%	1,000	0.0%	46,900	40,978	14.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	540	940	-42.6%	1,220	-55.7%	12,140	13,678	-11.2%
NATURAL GAS PHY	KD	25,986	38,361	-32.3%	29,255	-11.2%	241,770	233,215	3.7%
NATURAL GAS PHY	LN	2,016,414	1,755,927	14.8%	2,174,130	-7.3%	17,265,471	19,315,121	-10.6%
NATURAL GAS PHY	ON	320,379	325,634	-1.6%	365,631	-12.4%	2,643,492	3,075,144	-14.0%
NATURAL GAS PHY	ON1	0	0	0.0%	0	0.0%	0	20	-100.0%
NATURAL GAS PHY	ON2	0	0	0.0%	0	0.0%	0	10	-100.0%
NATURAL GAS PHY	ON3	0	5	-100.0%	0	0.0%	0	10	-100.0%
NATURAL GAS PHY	ON4	0	0	0.0%	0	0.0%	0	10	-100.0%
NATURAL GAS PHY	ON5	0	0	-	0	0.0%	25	0	-
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB MTHLY	OU	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	6,429	14,844	-56.7%
NY HARBOR HEAT OIL SWP	AT	10,633	14,994	-29.1%	12,536	-15.2%	146,605	250,301	-41.4%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	440	-100.0%	550	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	1,462	134	991.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	0.0%	260	0	-
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4H	395	2,425	-83.7%	1,324	-70.2%	13,221	20,488	-35.5%
PETROCHEMICALS	4I	0	0	0.0%	0	0.0%	0	450	-100.0%
PETROCHEMICALS	4J	150	0	0.0%	0	0.0%	1,840	9,140	-79.9%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	1,075	-100.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	14	265	-94.7%
PETRO OUTRIGHT EURO	8H	0	775	-100.0%	0	0.0%	180	1,204	-85.0%
PETRO OUTRIGHT NA	FG	0	0	0.0%	0	-	0	0	0.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	6O	20	630	-96.8%	300	-93.3%	1,640	8,590	-80.9%
PJM ELECTRIC	6OO	0	0	0.0%	0	0.0%	0	6	-100.0%
PJM MONTHLY	JO	0	0	0.0%	0	0.0%	0	40	-100.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	0.0%	200	0	-



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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Options									
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	0	2,575	-100.0%
RBOB 6 MONTH CALENDAR SPR	ZM	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	600	321	86.9%	808	-25.7%	18,959	98,551	-80.8%
RBOB CRACK SPREAD AVG PRICE OPTIONS	3Y	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	22,708	26,072	-12.9%	27,936	-18.7%	321,061	358,835	-10.5%
RBOB PHY	RF	0	3,089	-100.0%	0	0.0%	5,400	11,936	-54.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	10	315	-96.8%	0	0.0%	615	4,501	-86.3%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	4,732	3,330	42.1%
SHORT TERM	U11	0	0	0.0%	0	0.0%	3,060	1,850	65.4%
SHORT TERM	U12	125	500	-75.0%	100	25.0%	2,065	1,100	87.7%
SHORT TERM	U13	950	675	40.7%	0	0.0%	2,535	2,125	19.3%
SHORT TERM	U14	0	350	-100.0%	100	-100.0%	1,600	1,100	45.5%
SHORT TERM	U15	0	0	0.0%	900	-100.0%	2,625	2,250	16.7%
SHORT TERM	U22	0	0	0.0%	250	-100.0%	1,460	3,150	-53.7%
SHORT TERM	U23	130	0	0.0%	150	-13.3%	2,390	900	165.6%
SHORT TERM	U24	0	0	0.0%	0	0.0%	2,105	275	665.5%
SHORT TERM	U25	50	100	-50.0%	0	0.0%	1,000	100	900.0%
SHORT TERM	U26	0	100	-100.0%	725	-100.0%	1,075	425	152.9%
SHORT TERM CRUDE OIL	C02	0	0	-	0	0.0%	0	0	-
SHORT TERM CRUDE OIL	C05	0	0	-	0	0.0%	0	0	-
SHORT TERM NATURAL GAS	U01	200	0	0.0%	0	0.0%	1,855	475	290.5%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	3,075	-100.0%	5,138	1,775	189.5%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	2,700	1,500	80.0%
SHORT TERM NATURAL GAS	U04	300	250	20.0%	0	0.0%	1,675	1,025	63.4%
SHORT TERM NATURAL GAS	U05	1,350	50	2,600.0%	0	0.0%	2,200	975	125.6%
SHORT TERM NATURAL GAS	U06	0	1,950	-100.0%	150	-100.0%	2,325	2,850	-18.4%
SHORT TERM NATURAL GAS	U07	0	350	-100.0%	100	-100.0%	2,220	825	169.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	150	-100.0%	1,975	850	132.4%
SHORT TERM NATURAL GAS	U09	1,125	0	0.0%	300	275.0%	4,831	650	643.2%
SHORT TERM NATURAL GAS	U10	50	100	-50.0%	0	0.0%	2,900	1,600	81.2%
SHORT TERM NATURAL GAS	U16	200	0	0.0%	75	166.7%	2,725	675	303.7%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	1,185	1,925	-38.4%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	825	975	-15.4%
SHORT TERM NATURAL GAS	U19	50	0	0.0%	525	-90.5%	3,170	625	407.2%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	200	-100.0%	1,730	405	327.2%
SHORT TERM NATURAL GAS	U21	0	200	-100.0%	500	-100.0%	2,200	950	131.6%

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Commodity		VOLUME NOV 2015	VOLUME NOV 2014	% CHG	VOLUME OCT 2015	% CHG	VOLUME Y.T.D 2015	VOLUME Y.T.D 2014	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U27	200	0	0.0%	0	0.0%	1,225	175	600.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	75	-100.0%	450	350	28.6%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	650	-100.0%	1,600	550	190.9%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	550	-100.0%	3,875	250	1,450.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	250	300	-16.7%
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%	300	-100.0%	300	150	100.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	300	-100.0%	1,500	2,875	-47.8%
SOCAL PIPE SWAP	ZN	0	200	-100.0%	0	0.0%	0	3,120	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	20,125	-100.0%	0	0.0%	2,000	88,141	-97.7%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	0.0%	0	0.0%	0	9,032	-100.0%
WTI-BRENT BULLET SWAP	BV	25,950	25,775	0.7%	14,625	77.4%	244,990	549,321	-55.4%
WTI CRUDE OIL 12 M CSO F	7Z	0	1,000	-100.0%	0	0.0%	0	4,000	-100.0%
WTI CRUDE OIL 1 M CSO FI	7A	150,175	363,025	-58.6%	162,025	-7.3%	1,772,820	1,322,557	34.0%
Metals Futures									
COMEX GOLD	GC	4,033,977	4,676,740	-13.7%	3,070,120	31.4%	39,112,101	37,211,144	5.1%
NYMEX HOT ROLLED STEEL	HR	5,405	7,661	-29.4%	6,559	-17.6%	55,621	44,674	24.5%
NYMEX PLATINUM	PL	261,514	211,151	23.9%	281,094	-7.0%	3,232,433	2,875,399	12.4%
PALLADIUM	PA	162,382	161,947	0.3%	92,284	76.0%	1,277,470	1,501,596	-14.9%
URANIUM	UX	0	186	-100.0%	402	-100.0%	3,350	3,085	8.6%
COMEX SILVER	SI	1,291,748	1,435,078	-10.0%	1,107,547	16.6%	12,589,531	12,732,222	-1.1%
COMEX MINY GOLD	QO	6,330	6,065	4.4%	4,122	53.6%	62,522	44,350	41.0%
E-MINI SILVER	6Q	0	0	0.0%	0	0.0%	0	11	-100.0%
COMEX MINY SILVER	QI	787	1,118	-29.6%	652	20.7%	9,300	11,462	-18.9%
COMEX COPPER	HG	1,843,645	1,459,442	26.3%	1,227,365	50.2%	15,936,845	13,663,453	16.6%
COMEX MINY COPPER	QC	770	1,106	-30.4%	366	110.4%	8,788	10,777	-18.5%
Aluminium MW Trans Prem Platts	AUP	2,978	367	711.4%	2,970	0.3%	34,456	4,484	668.4%
ALUMINUM	AEP	2,040	0	-	1,254	62.7%	3,304	0	-
ALUMINUM	ALI	502	648	-22.5%	551	-8.9%	3,589	5,629	-36.2%
COPPER	HGS	246	1,087	-77.4%	979	-74.9%	6,440	11,900	-45.9%
E-MICRO GOLD	MGC	42,679	32,660	30.7%	41,762	2.2%	355,839	246,644	44.3%
FERROUS PRODUCTS	BUS	0	0	0.0%	0	0.0%	558	34	1,541.2%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0.0%	0	25	-100.0%

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Metals Futures									
GOLD	GCK	5,519	0	-	5,290	4.3%	43,740	0	-
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	105	-100.0%	2,613	120	2,077.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	17,571	1,095	1,504.7%	14,149	24.2%	120,882	24,018	403.3%
LNDN ZINC	ZNC	48	0	-	14	242.9%	386	0	-
SILVER	SIL	6,053	13,179	-54.1%	5,532	9.4%	85,365	130,986	-34.8%
Metals Options									
COMEX COPPER	HX	4,479	1,503	198.0%	1,934	131.6%	25,767	20,307	26.9%
COMEX GOLD	OG	601,123	842,549	-28.7%	708,498	-15.2%	7,022,742	7,788,356	-9.8%
COMEX SILVER	SO	84,249	199,190	-57.7%	90,876	-7.3%	1,160,293	1,729,027	-32.9%
COPPER	H4E	0	0	-	0	0.0%	10	0	-
GOLD	OG1	894	1,222	-26.8%	713	25.4%	5,372	8,101	-33.7%
GOLD	OG2	656	178	268.5%	368	78.3%	7,019	3,773	86.0%
GOLD	OG3	512	558	-8.2%	386	32.6%	5,305	4,914	8.0%
GOLD	OG4	411	46	793.5%	360	14.2%	3,193	3,677	-13.2%
GOLD	OG5	0	0	0.0%	206	-100.0%	1,305	580	125.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	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	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,440	1,290	11.6%	3,750	-61.6%	19,500	8,860	120.1%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	1,250	1,470	-15.0%	1,200	4.2%	44,000	4,082	977.9%
NYMEX PLATINUM	PO	4,136	7,987	-48.2%	4,656	-11.2%	55,528	140,833	-60.6%
PALLADIUM	PAO	3,300	4,697	-29.7%	4,095	-19.4%	42,340	134,773	-68.6%
SHORT TERM	L11	0	0	0.0%	0	0.0%	0	40	-100.0%
SHORT TERM GOLD	L02	0	0	0.0%	0	0.0%	0	60	-100.0%
SHORT TERM GOLD	L04	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L06	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L08	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L18	0	0	0.0%	0	0.0%	0	40	-100.0%
SHORT TERM GOLD	L29	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM GOLD	L30	0	0	0.0%	0	-	0	0	0.0%
SILVER	SO1	0	174	-100.0%	5	-100.0%	428	963	-55.6%
SILVER	SO2	4	211	-98.1%	0	0.0%	190	1,014	-81.3%
SILVER	SO3	0	176	-100.0%	0	0.0%	194	985	-80.3%
SILVER	SO4	0	27	-100.0%	0	0.0%	141	946	-85.1%

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Metals Options								
SILVER SO5	0	0	0.0%	0	0.0%	203	381	-46.7%
TOTAL FUTURES GROUP								
Commodities and Alternative Investments Futures	730	216	238.0%	345	111.6%	4,234	2,047	106.8%
Energy Futures	33,683,631	30,378,770	10.9%	39,241,640	-14.2%	388,726,328	314,307,725	23.7%
Metals Futures	7,684,194	8,009,530	-4.1%	5,863,117	31.1%	72,945,133	68,522,013	6.5%
TOTAL FUTURES	41,368,555	38,388,516	7.8%	45,105,102	-8.3%	461,675,695	382,831,785	20.6%
TOTAL OPTIONS GROUP								
Energy Options	5,711,086	6,145,500	-7.1%	6,160,487	-7.3%	64,152,220	58,345,571	10.0%
Metals Options	702,454	1,061,278	-33.8%	817,047	-14.0%	8,393,530	9,851,712	-14.8%
TOTAL OPTIONS	6,413,540	7,206,778	-11.0%	6,977,534	-8.1%	72,545,750	68,197,283	6.4%
TOTAL COMBINED								
Commodities and Alternative Investments	730	216	238.0%	345	111.6%	4,234	2,047	106.8%
Energy	39,394,717	36,524,270	7.9%	45,402,127	-13.2%	452,878,548	372,653,296	21.5%
Metals	8,386,648	9,070,808	-7.5%	6,680,164	25.5%	81,338,663	78,373,725	3.8%
GRAND TOTAL	47,782,095	45,595,294	4.8%	52,082,636	-8.3%	534,221,445	451,029,068	18.4%