



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Commodities and Alternative Investments Futures									
COCOA TAS	CJ	516	97	432.0%	517	-0.2%	2,550	974	161.8%
COFFEE	KT	22	36	-38.9%	6	266.7%	165	548	-69.9%
COTTON	TT	19	17	11.8%	77	-75.3%	566	509	11.2%
SUGAR 11	YO	12	38	-68.4%	23	-47.8%	413	1,128	-63.4%
Energy Futures									
CRUDE OIL PHY	CL	24,332,279	16,604,539	46.5%	23,050,506	5.6%	202,393,449	150,510,417	34.5%
CRUDE OIL	WS	4,290	7,071	-39.3%	2,422	77.1%	82,965	156,073	-46.8%
MINY WTI CRUDE OIL	QM	306,798	255,324	20.2%	268,400	14.3%	2,621,006	2,533,872	3.4%
BRENT OIL LAST DAY	BZ	1,572,702	1,904,293	-17.4%	1,740,374	-9.6%	17,532,500	20,154,941	-13.0%
HEATING OIL PHY	HO	3,288,425	2,906,739	13.1%	3,454,972	-4.8%	29,369,845	27,238,005	7.8%
HTG OIL	BH	0	0	0.0%	0	0.0%	5,402	204	2,548.0%
MINY HTG OIL	QH	5	7	-28.6%	11	-54.5%	88	76	15.8%
RBOB PHY	RB	4,677,239	2,961,179	58.0%	4,134,378	13.1%	34,949,357	30,606,612	14.2%
MINY RBOB GAS	QU	8	4	100.0%	7	14.3%	42	43	-2.3%
NATURAL GAS	HP	133,465	68,988	93.5%	138,633	-3.7%	1,140,989	662,559	72.2%
LTD NAT GAS	HH	232,741	237,500	-2.0%	231,365	0.6%	2,072,652	2,000,273	3.6%
MINY NATURAL GAS	QG	21,907	17,870	22.6%	24,470	-10.5%	220,488	242,926	-9.2%
PJM MONTHLY	JM	0	1,564	-100.0%	0	0.0%	2,898	5,794	-50.0%
NATURAL GAS PHY	NG	7,646,666	5,714,863	33.8%	8,506,938	-10.1%	68,364,327	59,973,996	14.0%
RBOB GAS	RT	1,354	1,053	28.6%	1,532	-11.6%	11,787	10,183	15.8%
3.5% FUEL OIL CID MED SWA	7D	150	181	-17.1%	390	-61.5%	2,291	436	425.5%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	45	-100.0%	210	143	46.9%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	120	-100.0%	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	124	0	0.0%	240	-48.3%	6,104	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	1,674	246	580.5%	487	243.7%	7,578	1,211	525.8%
ANR LOUISIANA BASIS SWAP	ND	0	856	-100.0%	0	0.0%	0	2,996	-100.0%
ANR OKLAHOMA	NE	0	335	-100.0%	60	-100.0%	3,599	7,610	-52.7%
APPALACHIAN COAL (PHY)	QL	0	140	-100.0%	0	0.0%	130	2,462	-94.7%
ARGUS LLS VS. WTI (ARG) T	E5	5,350	6,122	-12.6%	12,620	-57.6%	115,625	69,786	65.7%
ARGUS PROPAN FAR EST INDE	7E	1,642	772	112.7%	1,146	43.3%	13,781	3,340	312.6%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	702	842	-16.6%	409	71.6%	8,019	4,670	71.7%
AUSTRIALIAN COKE COAL	ALW	683	39	1,651.3%	243	181.1%	3,799	1,716	121.4%
BRENT BALMO SWAP	J9	200	10	1,900.0%	275	-27.3%	1,285	4,434	-71.0%
BRENT CALENDAR SWAP	CY	242	2,329	-89.6%	843	-71.3%	18,002	53,547	-66.4%
BRENT CFD(PLATTS) VS FRNT	1C	0	0	0.0%	0	-	0	0	0.0%
BRENT CFD SWAP	6W	0	950	-100.0%	0	0.0%	0	950	-100.0%
BRENT FINANCIAL FUTURES	BB	250	4,777	-94.8%	65	284.6%	2,402	66,546	-96.4%
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	0.0%	1,424	0	-
BRENT FINANCIAL FUTURES	MDB	1,995	0	0.0%	0	0.0%	2,408	330	629.7%
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	2,130	2,874	-25.9%	3,390	-37.2%	18,705	6,819	174.3%
CARBON EUA EMISSIONS EURO	RC	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	2,316	854	171.2%	700	230.9%	12,966	19,224	-32.6%
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	117,916	80,894	45.8%	114,091	3.4%	906,628	806,874	12.4%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	0	659	-100.0%	769	-100.0%	2,606	3,725	-30.0%
CHICAGO UNL GAS PL VS RBO	3C	215	25	760.0%	275	-21.8%	2,090	345	505.8%
CIG BASIS	CI	9,798	2,718	260.5%	11,326	-13.5%	74,947	19,450	285.3%
CIG ROCKIES NG INDEX SWA	Z8	0	0	-	0	0.0%	1,054	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	240	-100.0%	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	23,400	12,080	93.7%	0	0.0%	298,960	178,560	67.4%
CIN HUB 5MW D AH PK	H5	1,866	394	373.6%	258	623.3%	20,538	8,793	133.6%
CIN HUB 5MW REAL TIME O P	H4	23,400	38,920	-39.9%	0	0.0%	989,984	360,872	174.3%
CIN HUB 5MW REAL TIME PK	H3	1,485	2,745	-45.9%	2,980	-50.2%	64,921	7,220	799.2%
COAL SWAP	ACM	523	230	127.4%	200	161.5%	2,453	2,970	-17.4%
COAL SWAP	SSI	0	245	-100.0%	30	-100.0%	187	2,802	-93.3%
COLUMB GULF MAINLINE NG B	5Z	1,903	763	149.4%	4,835	-60.6%	21,706	22,196	-2.2%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0.0%	2,208	620	256.1%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	0.0%	0	0.0%	0	488	-100.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0.0%	3,108	2,716	14.4%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	383	0	0.0%	0	0.0%	1,661	546	204.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,565	270	479.6%	510	206.9%	2,519	1,844	36.6%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	8,480	4,088	107.4%	12,769	-33.6%	61,764	37,507	64.7%
CRUDE OIL	CHB	0	0	-	0	0.0%	60	0	-
CRUDE OIL	LPS	3,705	3,050	21.5%	4,748	-22.0%	44,515	20,764	114.4%
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	250	110	127.3%	108	131.5%	981	11,192	-91.2%
CRUDE OIL OUTRIGHTS	CSW	540	0	-	540	0.0%	1,080	0	-
CRUDE OIL OUTRIGHTS	DBL	200	1,670	-88.0%	0	0.0%	650	28,257	-97.7%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0.0%	0	235	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	-	60	-100.0%	90	0	-
CRUDE OIL OUTRIGHTS	HTT	3,980	0	-	5,201	-23.5%	18,493	0	-
CRUDE OIL OUTRIGHTS	WCC	3,765	4,735	-20.5%	7,350	-48.8%	44,654	50,303	-11.2%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	100	-100.0%	425	300	41.7%
CRUDE OIL SPRDS	KE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	WTT	785	480	63.5%	5,300	-85.2%	21,727	1,895	1,046.5%
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	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	200	0	0.0%	0	0.0%	200	23,657	-99.2%
DATED TO FRONTLINE BRENT	FY	500	2,055	-75.7%	750	-33.3%	12,510	25,626	-51.2%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0.0%	800	0	0.0%
DEMARC SWING SWAP	DT	62	0	-	0	-	62	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	115	-100.0%	125	10	1,150.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
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	248	0	-	0	0.0%	17,355	0	-
DOMINION TRANSMISSION INC	PG	29,898	13,034	129.4%	19,630	52.3%	182,161	47,413	284.2%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	275	100	175.0%
DUBAI CRUDE OIL CALENDAR	DC	4,550	5,198	-12.5%	2,486	83.0%	16,516	33,851	-51.2%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	0	840	-100.0%
EASTERN RAIL DELIVERY CSX	QX	1,960	1,485	32.0%	825	137.6%	11,662	37,081	-68.5%
EAST/WEST FUEL OIL SPREAD	EW	40	40	0.0%	50	-20.0%	276	2,323	-88.1%
EIA FLAT TAX ONHWAY DIESE	A5	756	605	25.0%	1,136	-33.5%	9,984	7,581	31.7%
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	965	-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	0	0.0%
ELEC FINSETTLED	49	0	1,275	-100.0%	0	0.0%	0	1,275	-100.0%
ELEC MISO PEAK	4L	0	1,210	-100.0%	0	0.0%	0	1,530	-100.0%
ELEC MISO PEAK	55	0	1,526	-100.0%	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	28,192	-100.0%	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	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	11,680	-100.0%
ELECTRICITY OFF PEAK	50	0	23,520	-100.0%	0	0.0%	0	23,520	-100.0%
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	0.0%	1,612	0	-
EMMISSIONS	CPL	0	0	0.0%	0	0.0%	0	250	-100.0%
ERCOT NORTH ZMCP5 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCP5 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	0.0%	4,280	24,093	-82.2%
ERCOT NORTH ZMCP5 5MW PEAK	I5	0	0	0.0%	0	0.0%	235	2,591	-90.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,561	1,586	61.5%	2,145	19.4%	19,679	24,631	-20.1%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	10	8	25.0%	0	0.0%	220	46	378.3%
EURO 3.5% FUEL OIL M CRK	FL	0	0	0.0%	0	-	0	0	0.0%

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EURO 3.5% FUEL OIL RDAM B	KR	526	330	59.4%	359	46.5%	3,006	5,488	-45.2%
EURO 3.5% FUEL OIL SPREAD	FK	570	355	60.6%	592	-3.7%	5,128	8,585	-40.3%
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	0	0	0.0%	0	0.0%	158	2,427	-93.5%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	3	6	-50.0%
EURO GASOIL 10PPM VS ICE	ET	87	360	-75.8%	142	-38.7%	679	656	3.5%
EUROPE 1% FUEL OIL NWE CA	UF	10	94	-89.4%	3	233.3%	1,355	1,466	-7.6%
EUROPE 1% FUEL OIL RDAM C	UH	10	0	0.0%	0	0.0%	134	160	-16.3%
EUROPE 3.5% FUEL OIL MED	UI	166	190	-12.6%	460	-63.9%	3,145	797	294.6%
EUROPE 3.5% FUEL OIL RDAM	UV	7,599	4,944	53.7%	4,841	57.0%	58,441	81,298	-28.1%
EUROPEAN GASOIL (ICE)	7F	6,428	35,634	-82.0%	7,291	-11.8%	1,544,929	126,747	1,118.9%
EUROPEAN NAPHTHA BALMO	KZ	263	83	216.9%	145	81.4%	1,439	786	83.1%
EUROPEAN NAPHTHA CRACK SPR	EN	7,962	4,571	74.2%	4,815	65.4%	44,602	69,659	-36.0%
EUROPE DATED BRENT SWAP	UB	630	5,325	-88.2%	0	0.0%	26,588	37,430	-29.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	38	494	-92.3%
EUROPE NAPHTHA CALSWAP	UN	1,762	813	116.7%	1,856	-5.1%	12,986	12,787	1.6%
EURO PROPANE CIF ARA SWA	PS	1,798	801	124.5%	1,148	56.6%	11,351	3,479	226.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	0.0%	8,310	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	1,976	-100.0%	3,352	-100.0%	5,449	14,510	-62.4%
FREIGHT MARKETS	FLP	288	74	289.2%	41	602.4%	1,797	407	341.5%
FREIGHT MARKETS	FRC	0	0	0.0%	0	-	0	0	0.0%
FUEL OIL CRACK VS ICE	FO	7,605	5,089	49.4%	4,793	58.7%	41,160	33,696	22.2%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	32	306	-89.5%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	25	-100.0%	1,116	264	322.7%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	54	140	-61.4%
FUELOIL SWAP:CARGOES VS.B	FS	290	385	-24.7%	86	237.2%	3,105	4,067	-23.7%
GAS EURO-BOB OXY NWE BARGES	7H	6,761	3,290	105.5%	5,734	17.9%	62,770	65,359	-4.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	17,412	7,060	146.6%	11,788	47.7%	129,116	155,112	-16.8%
GASOIL 0.1 BRGS FOB VS IC	6V	0	9	-100.0%	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%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	0.0%	75	0	-
GASOIL 0.1CIF MED VS ICE	Z5	60	50	20.0%	10	500.0%	190	121	57.0%
GASOIL 0.1 CIF NWE VS ISE	TU	10	0	0.0%	0	0.0%	10	266	-96.2%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	5	0	0.0%



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Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	5	10	-50.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	18	-100.0%	0	0.0%	60	80	-25.0%
GASOIL 0.1 ROTTERDAM BARG	VL	25	0	0.0%	0	0.0%	25	10	150.0%
GASOIL 10P CRG CIF NW VS	3V	5	0	0.0%	0	0.0%	15	50	-70.0%
GASOIL 10PPM CARGOES CIF	TY	0	30	-100.0%	0	0.0%	3	30	-90.0%
GASOIL 10PPM VS ICE SWAP	TP	190	6	3,066.7%	212	-10.4%	890	1,298	-31.4%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	GX	9	28	-67.9%	15	-40.0%	314	213	47.4%
GASOIL CRACK SPREAD CALEN	GZ	4,032	585	589.2%	5,900	-31.7%	46,564	33,166	40.4%
GASOIL MINI CALENDAR SWAP	QA	115	301	-61.8%	216	-46.8%	2,169	2,546	-14.8%
GASOLINE UP-DOWN (ARGUS)	UZ	0	0	0.0%	0	-	0	0	0.0%
GASOLINE UP-DOWN BALMO SW	1K	0	525	-100.0%	0	0.0%	810	5,385	-85.0%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	300	-100.0%	300	200	50.0%
GRP THREE ULSD(PLT)VS HEA	A6	1,255	3,752	-66.6%	4,695	-73.3%	23,293	34,457	-32.4%
GRP THREE UNL GS (PLT) VS	A8	865	1,895	-54.4%	2,040	-57.6%	12,420	14,042	-11.6%
GULF COAST 3% FUEL OIL BA	VZ	600	645	-7.0%	285	110.5%	6,254	9,968	-37.3%
GULF COAST GASOLINE CLNDR	GS	0	200	-100.0%	0	0.0%	1,300	5,565	-76.6%
GULF COAST JET FUEL CLNDR	GE	162	456	-64.5%	40	305.0%	1,335	3,293	-59.5%
GULF COAST JET VS NYM 2 H	ME	33,519	27,170	23.4%	34,659	-3.3%	295,653	198,657	48.8%
GULF COAST NO.6 FUEL OIL	MF	55,671	60,375	-7.8%	56,681	-1.8%	516,081	650,350	-20.6%
GULF COAST NO.6 FUEL OIL	MG	400	899	-55.5%	150	166.7%	5,984	16,480	-63.7%
GULF COAST ULSD CALENDAR	LY	778	521	49.3%	1,132	-31.3%	8,112	6,922	17.2%
GULF COAST ULSD CRACK SPR	GY	0	150	-100.0%	150	-100.0%	6,156	2,600	136.8%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	15	-100.0%	335	365	-8.2%
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	6,843	29,292	-76.6%	19,207	-64.4%	181,467	121,527	49.3%
HENRY HUB INDEX SWAP FUTU	IN	4,638	15,472	-70.0%	12,681	-63.4%	164,274	84,647	94.1%
HENRY HUB SWAP	NN	315,550	363,883	-13.3%	380,709	-17.1%	3,769,113	3,934,760	-4.2%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	290	1,200	-75.8%
HOUSTON SHIP CHANNEL BASI	NH	2,100	1,165	80.3%	1,596	31.6%	28,364	33,954	-16.5%
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	7,998	900	788.7%	100	7,898.0%	8,108	8,960	-9.5%

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Energy Futures									
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	100	4,184	-97.6%	0	0.0%	26,301	98,797	-73.4%
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	15	170	-91.2%	35	-57.1%	220	1,560	-85.9%
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	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	388	334	16.2%	657	-40.9%	3,811	2,537	50.2%
JAPAN C&F NAPHTHA SWAP	JA	1,204	1,044	15.3%	1,850	-34.9%	11,280	9,451	19.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	5	-100.0%	75	-100.0%	370	437	-15.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	15	0	0.0%	45	-66.7%	172	213	-19.2%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	22	15	46.7%
JET CIF NWE VS ICE	JC	25	45	-44.4%	62	-59.7%	785	1,089	-27.9%
JET FUEL BRG FOB RDM VS I	9Q	0	30	-100.0%	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	30	-100.0%	0	0.0%	30	47	-36.2%
JET FUEL UP-DOWN BALMO CL	1M	5,377	4,169	29.0%	7,525	-28.5%	34,489	22,607	52.6%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	78	-100.0%
LA CARB DIESEL (OPIS) SWA	KL	225	575	-60.9%	1,245	-81.9%	6,552	6,614	-0.9%
LA CARBOB GASOLINE(OPIS)S	JL	50	425	-88.2%	325	-84.6%	5,950	4,775	24.6%
LA JET FUEL VS NYM NO 2 H	MQ	0	50	-100.0%	25	-100.0%	800	270	196.3%
LA JET (OPIS) SWAP	JS	1,775	850	108.8%	3,640	-51.2%	18,387	8,620	113.3%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	4,273	16,786	-74.5%	7,975	-46.4%	60,211	89,457	-32.7%
MARS (ARGUS) VS WTI SWAP	YX	2,700	7,902	-65.8%	1,090	147.7%	36,918	53,320	-30.8%
MARS (ARGUS) VS WTI TRD M	YV	12,104	720	1,581.1%	20,163	-40.0%	98,971	13,620	626.7%
MARS BLEND CRUDE OIL	MB	450	0	-	560	-19.6%	15,974	0	-
MCCLOSKEY ARA ARGS COAL	MTF	118,650	288,774	-58.9%	100,726	17.8%	1,525,677	1,567,705	-2.7%
MCCLOSKEY RCH BAY COAL	MFF	10,616	31,483	-66.3%	10,810	-1.8%	157,368	195,411	-19.5%
MGF FUT	MGF	0	60	-100.0%	0	0.0%	100	76	31.6%

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Energy Futures									
MGN1 SWAP FUT	MGN	322	151	113.2%	75	329.3%	1,360	1,317	3.3%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	0.0%	1,840	0	-
MICHIGAN BASIS	NF	5,587	0	0.0%	1,455	284.0%	22,351	2,922	664.9%
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	410	197	108.1%	859	-52.3%	3,849	3,097	24.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	1,220	313	289.8%	100	1,120.0%	2,216	4,123	-46.3%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,224	430	417.2%	1,845	20.5%	11,817	5,945	98.8%
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	60	50	20.0%	144	-58.3%	825	570	44.7%
MNC FUT	MNC	3,702	4,802	-22.9%	3,709	-0.2%	35,674	39,708	-10.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	84,579	9,967	748.6%	50,923	66.1%	408,400	60,812	571.6%
MONT BELVIEU ETHANE OPIS BALMO	8C	230	0	0.0%	165	39.4%	1,045	2,425	-56.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	118,779	74,032	60.4%	139,603	-14.9%	1,025,912	394,036	160.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	906	575	57.6%	871	4.0%	7,693	6,208	23.9%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	7,312	5,021	45.6%	7,115	2.8%	75,071	51,256	46.5%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	75	210	-64.3%	251	-70.1%	1,736	3,813	-54.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	42,699	27,827	53.4%	28,738	48.6%	234,048	148,480	57.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	254	456	-44.3%	566	-55.1%	5,795	4,264	35.9%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	0.0%	0	40	-100.0%
NAT GAS BASIS SWAP	TZ6	2,481	2,038	21.7%	6,623	-62.5%	32,100	5,138	524.8%
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%
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	77,076	108,520	-29.0%	116,839	-34.0%	978,394	1,661,645	-41.1%



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Energy Futures									
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	0	23,520	-100.0%	289,912	-100.0%	454,549	192,762	135.8%
NEPOOL INTR HUB 5MW D AH	U6	0	2,255	-100.0%	16,702	-100.0%	32,410	12,935	150.6%
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	1,555	-100.0%	0	0.0%	0	7,516	-100.0%
NEPOOL RHODE IL 5MW D AH	U5	0	23,520	-100.0%	0	0.0%	0	70,765	-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	28,848	-86.1%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	1,685	840	100.6%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	1,505	625	140.8%	825	82.4%	13,630	8,915	52.9%
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	2,793	3,650	-23.5%	1,208	131.2%	29,370	41,223	-28.8%
NGPL MIDCONTINENT INDEX	IW	434	0	0.0%	0	0.0%	7,661	300	2,453.7%
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	0.0%	620	0	-
NGPL TEX/OK	PD	3,500	4,458	-21.5%	1,980	76.8%	28,104	74,061	-62.1%
NGPL TEXOK INDEX	OI	0	0	0.0%	300	-100.0%	360	666	-45.9%
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	0	100	-100.0%	0	0.0%	2,562	3,009	-14.9%
NORTHEN NATURAL GAS DEMAR	PE	0	1,268	-100.0%	578	-100.0%	2,173	5,345	-59.3%
NORTHEN NATURAL GAS VENTU	PF	140	156	-10.3%	224	-37.5%	7,391	4,660	58.6%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	102	-100.0%
NORTHWEST ROCKIES BASIS S	NR	10,093	14,140	-28.6%	7,813	29.2%	145,707	79,557	83.1%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	991	-100.0%
NY1% VS GC SPREAD SWAP	VR	2,756	1,729	59.4%	2,275	21.1%	21,028	18,860	11.5%
NY 2.2% FUEL OIL (PLATTS	Y3	0	100	-100.0%	80	-100.0%	489	410	19.3%

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Energy Futures									
NY 3.0% FUEL OIL (PLATTS	H1	25	750	-96.7%	300	-91.7%	1,500	3,145	-52.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	63	-100.0%	71	-100.0%	101	322	-68.6%
NY HARBOR HEAT OIL SWP	MP	1,560	4,905	-68.2%	1,788	-12.8%	21,797	44,100	-50.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	100	0	0.0%	305	-67.2%	4,956	4,042	22.6%
NY HARBOR LOW SULPUR GASOIL 1000MT	SLS	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	3,671	3,805	-3.5%	3,098	18.5%	31,247	42,759	-26.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	100	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	377	1,694	-77.7%	3,035	-87.6%	15,097	18,784	-19.6%
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	0	0	-	54	-100.0%	168	0	-
NYISO CAPACITY	NNC	300	304	-1.3%	90	233.3%	1,677	2,226	-24.7%
NYISO CAPACITY	NRS	84	270	-68.9%	97	-13.4%	2,061	3,842	-46.4%
NYISO G	KG	0	150	-100.0%	0	0.0%	0	471	-100.0%
NYISO G OFF-PEAK	KH	0	40	-100.0%	0	0.0%	0	190	-100.0%
NYISO J	KJ	0	127	-100.0%	0	0.0%	172	2,391	-92.8%
NYISO J OFF-PEAK	KK	0	40	-100.0%	0	0.0%	80	580	-86.2%
NYISO ZONE A 5MW D AH O P	K4	0	57,152	-100.0%	7,925	-100.0%	239,365	365,080	-34.4%
NYISO ZONE A 5MW D AH PK	K3	0	8,121	-100.0%	2,960	-100.0%	3,600	16,846	-78.6%
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	41,232	-100.0%	20,546	-100.0%	384,706	128,056	200.4%
NYISO ZONE G 5MW D AH PK	T3	1,270	5,625	-77.4%	5,334	-76.2%	31,693	28,075	12.9%
NYISO ZONE J 5MW D AH O P	D4	9,344	0	0.0%	0	0.0%	112,296	56,034	100.4%
NYISO ZONE J 5MW D AH PK	D3	1,784	0	0.0%	840	112.4%	10,391	6,267	65.8%
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	1,735	-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	1,113	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	3,300	3,132	5.4%	1,166	183.0%	7,410	23,294	-68.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	120	-100.0%	1,065	2,261	-52.9%
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	141,040	-97.3%
ONTARIO POWER SWAPS	OPD	30	60	-50.0%	110	-72.7%	385	210	83.3%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	440	7,890	-94.4%



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Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PANHANDLE BASIS SWAP FUTU	PH	8,384	10,129	-17.2%	10,118	-17.1%	78,106	107,437	-27.3%
PANHANDLE INDEX SWAP FUTU	IV	992	248	300.0%	0	0.0%	3,472	2,018	72.1%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	314	-100.0%
PERMIAN BASIS SWAP	PM	9,546	3,514	171.7%	2,639	261.7%	38,407	13,824	177.8%
PETROCHEMICALS	22	24	73	-67.1%	25	-4.0%	418	244	71.3%
PETROCHEMICALS	32	117	80	46.2%	38	207.9%	536	419	27.9%
PETROCHEMICALS	51	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	8I	562	259	117.0%	190	195.8%	1,918	4,000	-52.0%
PETROCHEMICALS	91	139	14	892.9%	145	-4.1%	1,503	227	562.1%
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	0	10	-100.0%	30	-100.0%	385	210	83.3%
PETROCHEMICALS	MAS	30	15	100.0%	20	50.0%	960	275	249.1%
PETROCHEMICALS	MBE	4,445	3,280	35.5%	2,840	56.5%	26,720	14,785	80.7%
PETROCHEMICALS	MNB	1,836	1,316	39.5%	3,424	-46.4%	18,686	13,658	36.8%
PETRO CRCKS & SPRDS ASIA	STI	0	150	-100.0%	0	0.0%	1,050	450	133.3%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	64	430	-85.1%
PETRO CRCKS & SPRDS ASIA	STS	0	50	-100.0%	80	-100.0%	80	268	-70.1%
PETRO CRCKS & SPRDS NA	CBA	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	40	15	166.7%	86	-53.5%	1,039	2,443	-57.5%
PETRO CRCKS & SPRDS NA	EXR	1,739	1,202	44.7%	1,385	25.6%	12,835	11,054	16.1%
PETRO CRCKS & SPRDS NA	FOC	1,250	150	733.3%	1,755	-28.8%	9,105	3,740	143.4%
PETRO CRCKS & SPRDS NA	GBB	565	0	0.0%	365	54.8%	2,090	50	4,080.0%
PETRO CRCKS & SPRDS NA	GCC	125	0	-	100	25.0%	1,650	0	-
PETRO CRCKS & SPRDS NA	GCI	1,306	887	47.2%	1,571	-16.9%	9,411	10,631	-11.5%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	10	-100.0%	66	0	-
PETRO CRCKS & SPRDS NA	GCU	5,239	8,585	-39.0%	6,618	-20.8%	64,193	112,950	-43.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	25	-100.0%	129	100	29.0%
PETRO CRCKS & SPRDS NA	HOB	1,995	2,229	-10.5%	2,847	-29.9%	34,424	34,247	0.5%
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%	268	-100.0%	788	200	294.0%
PETRO CRCKS & SPRDS NA	NYF	15	300	-95.0%	300	-95.0%	490	2,100	-76.7%

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Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	300	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	12,198	5,890	107.1%	10,490	16.3%	88,653	95,660	-7.3%
PETRO CRCKS & SPRDS NA	RVG	11,794	0	0.0%	14,247	-17.2%	76,411	2,215	3,349.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	0.0%	34	0	-
PETRO CRK&SPRD EURO	1NB	1,544	1,755	-12.0%	1,882	-18.0%	15,344	15,003	2.3%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRK&SPRD EURO	43	274	280	-2.1%	289	-5.2%	1,539	3,603	-57.3%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	170	-100.0%
PETRO CRK&SPRD EURO	BOB	2,472	2,277	8.6%	1,694	45.9%	18,202	15,261	19.3%
PETRO CRK&SPRD EURO	EBF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	29	-100.0%	0	0.0%	91	332	-72.6%
PETRO CRK&SPRD EURO	EPN	289	71	307.0%	358	-19.3%	2,207	434	408.5%
PETRO CRK&SPRD EURO	EVC	2,091	581	259.9%	1,489	40.4%	13,559	14,360	-5.6%
PETRO CRK&SPRD EURO	FBT	0	80	-100.0%	20	-100.0%	480	440	9.1%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	25	-100.0%	785	1,158	-32.2%
PETRO CRK&SPRD EURO	GOC	30	48	-37.5%	0	0.0%	99	644	-84.6%
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%	0	424	-100.0%
PETRO CRK&SPRD EURO	MUD	87	101	-13.9%	321	-72.9%	1,152	611	88.5%
PETRO CRK&SPRD EURO	NBB	10	0	0.0%	55	-81.8%	188	56	235.7%
PETRO CRK&SPRD EURO	NOB	840	289	190.7%	630	33.3%	4,289	1,565	174.1%
PETRO CRK&SPRD EURO	NYG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	SFB	10	0	0.0%	0	0.0%	115	15	666.7%
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	30	-100.0%	0	0.0%	0	58	-100.0%
PETROLEUM PRODUCTS	D46	0	0	-	0	0.0%	30	0	-
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	0	0	0.0%	0	0.0%	0	25	-100.0%
PETROLEUM PRODUCTS	EWG	1,590	0	0.0%	2,233	-28.8%	5,897	6	98,183.3%

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Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PETROLEUM PRODUCTS	MBS	0	0	-	20	-100.0%	551	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 ASIA	E6M	40	76	-47.4%	0	0.0%	467	812	-42.5%
PETROLEUM PRODUCTS ASIA	MJN	846	1,090	-22.4%	1,130	-25.1%	11,091	15,215	-27.1%
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	0.0%	0	70	-100.0%
PETRO OUTRIGHT EURO	0B	0	150	-100.0%	50	-100.0%	1,300	894	45.4%
PETRO OUTRIGHT EURO	0C	40	100	-60.0%	55	-27.3%	201	115	74.8%
PETRO OUTRIGHT EURO	0D	2,306	5,731	-59.8%	3,036	-24.0%	34,968	37,606	-7.0%
PETRO OUTRIGHT EURO	0E	1,326	510	160.0%	989	34.1%	8,193	3,990	105.3%
PETRO OUTRIGHT EURO	0F	1,332	1,053	26.5%	1,369	-2.7%	10,703	8,490	26.1%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	20	85	-76.5%
PETRO OUTRIGHT EURO	33	60	30	100.0%	0	0.0%	279	573	-51.3%
PETRO OUTRIGHT EURO	59	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	70	70	0.0%	65	7.7%	1,612	1,055	52.8%
PETRO OUTRIGHT EURO	63	285	78	265.4%	155	83.9%	1,317	864	52.4%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	16	-100.0%
PETRO OUTRIGHT EURO	7I	109	63	73.0%	17	541.2%	1,399	1,483	-5.7%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT EURO	7R	300	183	63.9%	208	44.2%	2,418	2,682	-9.8%
PETRO OUTRIGHT EURO	88	0	30	-100.0%	0	0.0%	55	243	-77.4%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	6	30	-80.0%
PETRO OUTRIGHT EURO	CPB	48	30	60.0%	589	-91.9%	941	368	155.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	55	-100.0%	416	159	161.6%
PETRO OUTRIGHT EURO	EFM	0	18	-100.0%	25	-100.0%	640	455	40.7%
PETRO OUTRIGHT EURO	ENS	53	41	29.3%	70	-24.3%	1,121	486	130.7%
PETRO OUTRIGHT EURO	EWN	175	70	150.0%	229	-23.6%	1,644	801	105.2%
PETRO OUTRIGHT EURO	FBD	0	10	-100.0%	0	0.0%	20	121	-83.5%
PETRO OUTRIGHT EURO	MBB	0	40	-100.0%	0	0.0%	84	195	-56.9%
PETRO OUTRIGHT EURO	MBN	1,990	1,410	41.1%	2,160	-7.9%	13,677	9,667	41.5%
PETRO OUTRIGHT EURO	RBF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	200	-100.0%	240	600	-60.0%
PETRO OUTRIGHT EURO	T0	51	0	0.0%	0	0.0%	419	1,768	-76.3%



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Energy Futures									
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0.0%	490	1,550	-68.4%
PETRO OUTRIGHT EURO	V0	0	490	-100.0%	0	0.0%	0	2,794	-100.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0.0%	50	0	0.0%
PETRO OUTRIGHT EURO	X0	150	0	0.0%	0	0.0%	150	638	-76.5%
PETRO OUTRIGHT EURO	Y0	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO OUTRIGHT NA	5Y	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	210	224	-6.3%	64	228.1%	1,240	2,479	-50.0%
PETRO OUTRIGHT NA	FOB	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0.0%	3	47	-93.6%
PETRO OUTRIGHT NA	GBA	0	0	-	0	0.0%	8	0	-
PETRO OUTRIGHT NA	GUD	0	0	-	0	0.0%	13	0	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0.0%	439	215	104.2%
PETRO OUTRIGHT NA	JET	13,955	2,200	534.3%	7,590	83.9%	36,135	10,780	235.2%
PETRO OUTRIGHT NA	MBL	66	10	560.0%	0	0.0%	234	746	-68.6%
PETRO OUTRIGHT NA	MEN	393	516	-23.8%	568	-30.8%	5,831	6,068	-3.9%
PETRO OUTRIGHT NA	MEO	10,210	7,518	35.8%	10,555	-3.3%	91,144	76,719	18.8%
PETRO OUTRIGHT NA	MFD	62	115	-46.1%	45	37.8%	900	413	117.9%
PETRO OUTRIGHT NA	MMF	100	210	-52.4%	85	17.6%	1,248	1,345	-7.2%
PETRO OUTRIGHT NA	NYB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	100	25	300.0%
PETRO OUTRIGHT 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	163,360	841,246	-80.6%	18,736	771.9%	1,196,608	1,130,894	5.8%
PJM AD HUB 5MW REAL TIME	Z9	6,150	28,799	-78.6%	7,980	-22.9%	94,979	66,554	42.7%
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	6,005	0	0.0%	0	0.0%	6,005	23,400	-74.3%
PJM ATSI ELEC	MPD	315	0	0.0%	0	0.0%	315	1,275	-75.3%
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	46,800	27,530	70.0%	0	0.0%	257,480	84,325	205.3%
PJM COMED 5MW D AH PK	D8	3,180	1,490	113.4%	0	0.0%	14,650	4,570	220.6%
PJM DAILY	JD	0	0	0.0%	0	0.0%	1,300	0	0.0%

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Commodity		VOLUME SEP 2016	VOLUME SEP 2015	% CHG	VOLUME AUG 2016	% CHG	VOLUME Y.T.D 2016	VOLUME Y.T.D 2015	% CHG
Energy Futures									
PJM DAYTON DA OFF-PEAK	R7	6,005	47,040	-87.2%	0	0.0%	27,310	97,448	-72.0%
PJM DAYTON DA PEAK	D7	315	2,550	-87.6%	6,873	-95.4%	21,943	9,230	137.7%
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	9,545	16,015	-40.4%	15,126	-36.9%	66,639	34,378	93.8%
PJM NI HUB 5MW REAL TIME	B6	170,810	933,616	-81.7%	365,760	-53.3%	1,525,942	1,390,110	9.8%
PJM NILL DA OFF-PEAK	L3	50,278	245,817	-79.5%	297,879	-83.1%	875,212	402,375	117.5%
PJM NILL DA PEAK	N3	3,414	9,199	-62.9%	14,833	-77.0%	43,464	14,544	198.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	32	-100.0%	0	0.0%	140	1,744	-92.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	650	-100.0%
PJM PEPCO DA OFF-PEAK	Q8	0	0	0.0%	0	0.0%	0	7,440	-100.0%
PJM PEPCO 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	23,520	-100.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	163,800	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	5,100	0	0.0%
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	0	23,520	-100.0%	0	0.0%	825,010	149,120	453.3%
PJM WESTHDA PEAK	J4	525	1,275	-58.8%	2,550	-79.4%	45,673	8,815	418.1%
PJM WESTH RT OFF-PEAK	N9	260,884	856,231	-69.5%	144,580	80.4%	5,834,060	1,666,146	250.2%
PJM WESTH RT PEAK	L1	20,420	68,135	-70.0%	75,239	-72.9%	544,987	123,759	340.4%
PLASTICS	PGP	164	772	-78.8%	612	-73.2%	2,907	9,650	-69.9%
PLASTICS	PPP	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLD 10P FOB MED	3G	168	115	46.1%	258	-34.9%	2,581	2,944	-12.3%
PREMIUM UNLD 10PPM CARGOE	4G	0	0	0.0%	0	-	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	5	40	-87.5%	10	-50.0%	293	698	-58.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	5	0	0.0%	0	0.0%	7	84	-91.7%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	30	-100.0%	273	260	5.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,150	100	2,050.0%	695	209.4%	5,347	1,426	275.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,963	14,564	-11.0%	9,204	40.8%	93,035	66,216	40.5%
RBOB CALENDAR SWAP	RL	7,588	3,335	127.5%	10,776	-29.6%	60,186	58,774	2.4%

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Energy Futures									
RBOB CRACK SPREAD	RM	1,200	1,790	-33.0%	1,480	-18.9%	12,975	9,487	36.8%
RBOB CRACK SPREAD BALMO S	1E	300	0	-	25	1,100.0%	350	0	-
RBOB GASOLINE BALMO CLNDR	1D	693	441	57.1%	1,495	-53.6%	6,751	9,975	-32.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	92	-100.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	6,280	-100.0%	0	0.0%	9,203	87,425	-89.5%
RBOB VS HEATING OIL SWAP	RH	3,030	1,950	55.4%	600	405.0%	14,857	9,175	61.9%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	0.0%	1,046	0	-
SAN JUAN BASIS SWAP	NJ	9,043	1,160	679.6%	6,088	48.5%	60,432	18,107	233.7%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	BS	52	20	160.0%	55	-5.5%	489	362	35.1%
SINGAPORE 380CST BALMO	BT	203	25	712.0%	121	67.8%	1,332	1,103	20.8%
SINGAPORE 380CST FUEL OIL	SE	9,468	3,660	158.7%	11,145	-15.0%	66,116	48,164	37.3%
SINGAPORE FUEL 180CST CAL	UA	569	873	-34.8%	886	-35.8%	10,090	18,797	-46.3%
SINGAPORE FUEL OIL SPREAD	SD	645	168	283.9%	649	-0.6%	5,143	4,624	11.2%
SINGAPORE GASOIL	MTB	202	282	-28.4%	177	14.1%	2,060	1,259	63.6%
SINGAPORE GASOIL	MTS	4,070	3,196	27.3%	5,466	-25.5%	33,714	22,558	49.5%
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	0	0.0%
SINGAPORE GASOIL BALMO	VU	147	50	194.0%	320	-54.1%	2,426	794	205.5%
SINGAPORE GASOIL CALENDAR	MSG	30	337	-91.1%	190	-84.2%	567	6,628	-91.4%
SINGAPORE GASOIL SWAP	SG	6,877	1,356	407.2%	7,388	-6.9%	43,617	21,266	105.1%
SINGAPORE GASOIL VS ICE	GA	3,565	10	35,550.0%	2,075	71.8%	18,648	4,800	288.5%
SINGAPORE JET KERO BALMO	BX	100	0	0.0%	0	0.0%	156	325	-52.0%
SINGAPORE JET KERO GASOIL	RK	1,175	75	1,466.7%	1,225	-4.1%	7,450	3,020	146.7%
SINGAPORE JET KEROSENE SW	KS	1,010	1,569	-35.6%	900	12.2%	5,630	13,517	-58.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	50	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	100	0	0.0%	25	300.0%	2,943	2,808	4.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	9,024	5,069	78.0%	6,821	32.3%	62,267	60,914	2.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	20	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	50	-100.0%	0	0.0%	0	1,175	-100.0%
SING FUEL	MSD	15	0	0.0%	5	200.0%	30	10	200.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	0.0%	0	96	-100.0%
SOCAL PIPE SWAP	XN	264	0	0.0%	0	0.0%	5,864	488	1,101.6%
SONAT BASIS SWAP FUTURE	SZ	0	248	-100.0%	0	0.0%	368	14,688	-97.5%



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Energy Futures									
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	90	-100.0%	612	4,280	-85.7%
SOUTH STAR TEX OKLHM KNS	8Z	434	837	-48.1%	0	0.0%	1,802	5,307	-66.0%
Sumas Basis Swap	NK	642	2,684	-76.1%	460	39.6%	14,877	12,849	15.8%
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	4,923	2,073	137.5%	8,295	-40.7%	30,632	29,828	2.7%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	3,904	-100.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	-	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0.0%	1,285	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	546	120	355.0%	360	51.7%	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%	730	-100.0%	1,526	3,908	-61.0%
TENNESSEE ZONE 0 BASIS SW	NQ	428	0	0.0%	0	0.0%	3,028	0	0.0%
Tetco ELA Basis	TE	0	992	-100.0%	0	0.0%	0	1,360	-100.0%
TETCO M-3 INDEX	IX	62	2,320	-97.3%	600	-89.7%	8,125	6,784	19.8%
Tetco STX Basis	TX	0	730	-100.0%	0	0.0%	1,611	4,304	-62.6%
TEXAS EASTERN ZONE M-3 BA	NX	6,646	3,464	91.9%	10,735	-38.1%	73,157	14,413	407.6%
TEXAS GAS ZONE1 NG BASIS	9F	248	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	62	395	-84.3%	120	-48.3%	792	6,037	-86.9%
TRANSCO ZONE4 BASIS SWAP	TR	943	1,423	-33.7%	856	10.2%	18,008	66,584	-73.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	62	-100.0%	0	0.0%	1,457	930	56.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	3,424	2,954	15.9%	674	408.0%	10,487	8,957	17.1%
TRANSCO ZONE 6 INDEX	IT	368	0	0.0%	120	206.7%	6,502	76	8,455.3%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	0.0%	0	122	-100.0%
UCM FUT	UCM	60	230	-73.9%	30	100.0%	321	518	-38.0%
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%
ULSD 10PPM CIF MED VS ICE	Z7	1	0	0.0%	10	-90.0%	165	681	-75.8%
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	8,845	1,305	577.8%	11,350	-22.1%	52,605	26,708	97.0%
UP DOWN GC ULSD VS NMX HO	LT	43,081	61,596	-30.1%	59,864	-28.0%	477,451	350,319	36.3%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0.0%	175	2,525	-93.1%

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Energy Futures									
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	0.0%	0	0.0%	0	44	-100.0%
WAHA BASIS	NW	1,574	2,120	-25.8%	3,850	-59.1%	41,094	23,830	72.4%
WAHA INDEX SWAP FUTURE	IY	248	0	0.0%	480	-48.3%	8,668	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	580	1,510	-61.6%	690	-15.9%	8,637	20,250	-57.3%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	9,619	28,905	-66.7%	12,231	-21.4%	108,037	215,941	-50.0%
WTI CALENDAR	CS	28,291	25,648	10.3%	23,753	19.1%	264,300	326,527	-19.1%
WTS (ARGUS) VS WTI SWAP	FF	8,934	1,250	614.7%	6,720	32.9%	23,036	54,290	-57.6%
WTS (ARGUS) VS WTI TRD MT	FH	2,125	430	394.2%	855	148.5%	10,706	17,571	-39.1%
Energy Options									
1 MO GASOIL CAL SWAP SPR	GXA	0	0	-	0	0.0%	0	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	400	312	28.2%	600	-33.3%	11,628	148,693	-92.2%
BRENT OIL LAST DAY	BE	2,575	2,944	-12.5%	4,000	-35.6%	36,790	49,411	-25.5%
BRENT OIL LAST DAY	BZO	27,262	0	-	29,424	-7.3%	152,817	0	-
BRENT OIL LAST DAY	OS	404	962	-58.0%	604	-33.1%	12,230	51,901	-76.4%
COAL API2 INDEX	CLA	2,797	9,375	-70.2%	3,025	-7.5%	50,654	49,998	1.3%
COAL API2 INDEX	CQA	0	12,980	-100.0%	850	-100.0%	101,734	71,667	42.0%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	150	151	-0.7%
COAL API4 INDEX	RLA	0	200	-100.0%	0	0.0%	50	1,375	-96.4%
COAL API4 INDEX	RQA	50	225	-77.8%	0	0.0%	1,380	575	140.0%
COAL SWAP	CPF	0	5	-100.0%	200	-100.0%	585	665	-12.0%
COAL SWAP	RPF	1,000	440	127.3%	0	0.0%	1,086	2,430	-55.3%
CRUDE OIL 1MO	WA	310,775	157,950	96.8%	255,873	21.5%	2,291,305	1,977,437	15.9%
CRUDE OIL APO	AO	34,139	31,017	10.1%	44,388	-23.1%	251,823	650,984	-61.3%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	1,140	-100.0%	2,290	600	281.7%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	900	-100.0%
CRUDE OIL PHY	CD	4,200	650	546.2%	2,850	47.4%	32,375	13,900	132.9%
CRUDE OIL PHY	LC	2,889	8,308	-65.2%	12,685	-77.2%	286,052	405,141	-29.4%
CRUDE OIL PHY	LO	3,850,549	3,126,669	23.2%	3,995,067	-3.6%	33,716,414	30,455,200	10.7%
CRUDE OIL PHY	LO1	3,147	3,333	-5.6%	10,780	-70.8%	49,040	38,714	26.7%
CRUDE OIL PHY	LO2	3,517	2,220	58.4%	3,688	-4.6%	36,544	27,246	34.1%



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Energy Options									
CRUDE OIL PHY	LO3	2,876	1,203	139.1%	5,258	-45.3%	22,385	20,082	11.5%
CRUDE OIL PHY	LO4	5,924	2,596	128.2%	4,315	37.3%	39,577	23,971	65.1%
CRUDE OIL PHY	LO5	9,586	0	0.0%	0	0.0%	25,135	10,695	135.0%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	0.0%	0	8,000	-100.0%
ELEC FINSETTLED	PML	27	4	575.0%	14	92.9%	254	39	551.3%
ELEC MISO PEAK	9T	0	0	-	0	0.0%	2,580	0	-
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	0	0	-	0	0.0%	25	0	-
ETHANOL	CE3	0	0	-	0	0.0%	25	0	-
ETHANOL SWAP	CVR	10,595	9,718	9.0%	5,623	88.4%	54,913	54,789	0.2%
ETHANOL SWAP	GVR	540	1,500	-64.0%	0	0.0%	2,858	3,064	-6.7%
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	0	0.0%
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	300	0	-	0	-	300	0	-
HEATING OIL PHY	LB	24	176	-86.4%	690	-96.5%	3,323	4,747	-30.0%
HEATING OIL PHY	OH	36,369	39,725	-8.4%	43,711	-16.8%	476,258	458,700	3.8%
HENRY HUB FINANCIAL LAST	E7	2,458	883	178.4%	591	315.9%	18,395	20,148	-8.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	500	-100.0%	0	0.0%	5,700	3,500	62.9%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	3,360	-100.0%
ISO NEW ENGLAND PK LMP	OE	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	-	600	-100.0%	11,730	0	-
MCCLOSKEY ARA ARGS COAL	MTO	270	60	350.0%	0	0.0%	9,265	3,795	144.1%
MCCLOSKEY RCH BAY COAL	MFO	0	675	-100.0%	0	0.0%	2,385	1,875	27.2%
NATURAL GAS	G10	0	0	-	0	0.0%	500	0	-
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	0.0%	0	1,000	-100.0%
NATURAL GAS 1 M CSO FIN	G4	2,050	6,000	-65.8%	7,049	-70.9%	45,629	204,834	-77.7%
NATURAL GAS 2 M CSO FIN	G2	200	0	0.0%	0	0.0%	1,200	2,950	-59.3%
NATURAL GAS 3 M CSO FIN	G3	53,033	7,965	565.8%	17,475	203.5%	227,232	63,795	256.2%
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	0	0	0.0%	0	0.0%	4,100	44,900	-90.9%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	1,200	-100.0%	2,630	-100.0%	16,008	10,380	54.2%
NATURAL GAS PHY	KD	29,255	17,550	66.7%	26,432	10.7%	288,531	186,529	54.7%

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Energy Options									
NATURAL GAS PHY	LN	1,905,146	1,279,131	48.9%	2,007,924	-5.1%	17,297,757	13,074,927	32.3%
NATURAL GAS PHY	ON	207,018	258,109	-19.8%	271,170	-23.7%	2,442,815	1,957,482	24.8%
NATURAL GAS PHY	ON1	0	0	0.0%	2	-100.0%	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	1,680	1,900	-11.6%	720	133.3%	5,910	6,429	-8.1%
NY HARBOR HEAT OIL SWP	AT	4,442	9,146	-51.4%	5,061	-12.2%	51,717	123,436	-58.1%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	420	110	281.8%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	0	1,462	-100.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	20	-100.0%	0	0.0%	0	260	-100.0%
PETROCHEMICALS	4H	477	548	-13.0%	949	-49.7%	10,896	11,502	-5.3%
PETROCHEMICALS	4I	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4J	1,065	0	0.0%	0	0.0%	5,520	1,690	226.6%
PETROCHEMICALS	4K	480	0	0.0%	900	-46.7%	1,380	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	495	14	3,435.7%
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	280	-100.0%	0	0.0%	0	1,320	-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	0	0	0.0%	170	-100.0%	590	200	195.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	0.0%	10,300	0	-
PJM WES HUB PEAK LMP 50MW	PMA	0	0	-	7,301	-100.0%	9,211	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	3,400	0	0.0%
RBOB CALENDAR SWAP	RA	150	620	-75.8%	300	-50.0%	6,249	17,551	-64.4%
RBOB PHY	OB	29,903	16,919	76.7%	28,855	3.6%	344,607	270,417	27.4%
RBOB PHY	RF	0	0	0.0%	0	0.0%	20	5,400	-99.6%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	240	-100.0%	120	-100.0%	520	605	-14.0%
SAN JUAN PIPE SWAP	PJ	720	728	-1.1%	1,536	-53.1%	8,568	4,732	81.1%
SHORT TERM	U11	0	200	-100.0%	650	-100.0%	2,250	3,060	-26.5%
SHORT TERM	U12	200	0	0.0%	550	-63.6%	3,530	1,840	91.8%
SHORT TERM	U13	350	0	0.0%	0	0.0%	3,761	1,585	137.3%

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Energy Options									
SHORT TERM	U14	200	250	-20.0%	0	0.0%	4,625	1,500	208.3%
SHORT TERM	U15	525	200	162.5%	625	-16.0%	3,125	1,725	81.2%
SHORT TERM	U22	400	400	0.0%	500	-20.0%	3,275	1,210	170.7%
SHORT TERM	U23	600	100	500.0%	400	50.0%	1,680	2,110	-20.4%
SHORT TERM	U24	0	280	-100.0%	400	-100.0%	1,780	2,105	-15.4%
SHORT TERM	U25	0	0	0.0%	300	-100.0%	505	950	-46.8%
SHORT TERM	U26	350	0	0.0%	0	0.0%	1,580	350	351.4%
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	725	-100.0%	100	-100.0%	3,375	1,655	103.9%
SHORT TERM NATURAL GAS	U02	250	165	51.5%	175	42.9%	3,500	2,063	69.7%
SHORT TERM NATURAL GAS	U03	675	1,075	-37.2%	220	206.8%	1,620	2,700	-40.0%
SHORT TERM NATURAL GAS	U04	0	200	-100.0%	1,600	-100.0%	4,100	1,375	198.2%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	400	-100.0%	2,725	850	220.6%
SHORT TERM NATURAL GAS	U06	575	0	0.0%	0	0.0%	2,505	2,175	15.2%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	3,500	2,120	65.1%
SHORT TERM NATURAL GAS	U08	0	200	-100.0%	1,175	-100.0%	3,222	1,825	76.5%
SHORT TERM NATURAL GAS	U09	850	225	277.8%	600	41.7%	4,842	3,406	42.2%
SHORT TERM NATURAL GAS	U10	0	850	-100.0%	430	-100.0%	3,995	2,850	40.2%
SHORT TERM NATURAL GAS	U16	300	200	50.0%	0	0.0%	3,610	2,450	47.3%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	175	-100.0%	955	1,185	-19.4%
SHORT TERM NATURAL GAS	U18	0	150	-100.0%	725	-100.0%	2,805	825	240.0%
SHORT TERM NATURAL GAS	U19	100	0	0.0%	200	-50.0%	1,380	2,595	-46.8%
SHORT TERM NATURAL GAS	U20	350	0	0.0%	0	0.0%	1,380	1,530	-9.8%
SHORT TERM NATURAL GAS	U21	100	150	-33.3%	0	0.0%	675	1,700	-60.3%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	900	1,025	-12.2%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	3,275	375	773.3%
SHORT TERM NATURAL GAS	U29	200	250	-20.0%	75	166.7%	2,725	950	186.8%
SHORT TERM NATURAL GAS	U30	100	100	0.0%	250	-60.0%	950	3,325	-71.4%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	100	-100.0%	850	250	240.0%
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	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0.0%	0	1,200	-100.0%
SOCAL PIPE SWAP	ZN	1,200	0	0.0%	0	0.0%	11,200	0	0.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	1,500	-100.0%	0	0.0%	0	2,000	-100.0%
WTI 6 MONTH CALENDAR OPTI	WM	0	0	0.0%	0	-	0	0	0.0%

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Energy Options									
WTI-BRENT BULLET SWAP	BV	8,150	26,280	-69.0%	15,210	-46.4%	160,200	204,415	-21.6%
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	67,430	171,175	-60.6%	77,900	-13.4%	1,322,723	1,460,620	-9.4%
Metals Futures									
COMEX GOLD	GC	4,022,560	2,917,063	37.9%	4,387,859	-8.3%	43,119,546	32,008,004	34.7%
NYMEX HOT ROLLED STEEL	HR	4,506	7,222	-37.6%	5,006	-10.0%	42,708	43,657	-2.2%
NYMEX PLATINUM	PL	456,092	443,850	2.8%	278,246	63.9%	2,907,822	2,689,825	8.1%
PALLADIUM	PA	88,440	87,201	1.4%	169,852	-47.9%	1,032,125	1,022,804	0.9%
URANIUM	UX	200	600	-66.7%	0	0.0%	6,693	2,948	127.0%
COMEX SILVER	SI	1,290,090	822,288	56.9%	1,939,332	-33.5%	13,541,230	10,190,236	32.9%
COMEX E-Mini GOLD	QO	9,810	6,402	53.2%	7,956	23.3%	98,442	52,070	89.1%
E-MINI SILVER	6Q	0	0	0.0%	0	-	0	0	0.0%
COMEX E-Mini SILVER	QI	1,068	462	131.2%	1,618	-34.0%	11,246	7,861	43.1%
COMEX COPPER	HG	1,294,011	1,197,719	8.0%	1,875,956	-31.0%	15,060,897	12,865,835	17.1%
COMEX MINY COPPER	QC	271	501	-45.9%	417	-35.0%	4,804	7,652	-37.2%
Aluminium MW Trans Prem Platts	AUP	5,122	2,721	88.2%	4,963	3.2%	53,484	28,508	87.6%
ALUMINUM	A38	0	0	-	21	-100.0%	71	0	-
ALUMINUM	AEP	170	10	1,600.0%	1,440	-88.2%	9,139	10	91,290.0%
ALUMINUM	ALI	547	84	551.2%	668	-18.1%	5,609	2,536	121.2%
ALUMINUM	EDP	849	0	-	1,580	-46.3%	4,919	0	-
ALUMINUM	MJP	0	0	-	860	-100.0%	5,523	0	-
COPPER	HGS	75	1,635	-95.4%	463	-83.8%	3,376	5,215	-35.3%
E-MICRO GOLD	MGC	45,233	30,689	47.4%	56,462	-19.9%	769,205	271,398	183.4%
FERROUS PRODUCTS	BUS	232	8	2,800.0%	40	480.0%	782	558	40.1%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	0.0%	0	0	0.0%
Gold Kilo	GCK	3,914	4,614	-15.2%	4,083	-4.1%	43,935	32,931	33.4%
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%	0	0.0%	2,470	2,508	-1.5%
IRON ORE 62 CHINA TSI FUTURES	TIO	12,704	12,567	1.1%	13,113	-3.1%	149,151	89,162	67.3%
LNDN ZINC	ZNC	0	137	-100.0%	14	-100.0%	200	324	-38.3%
METALS	LED	10	0	-	10	0.0%	25	0	-
SILVER	SIL	7,214	4,927	46.4%	11,552	-37.6%	77,976	73,780	5.7%



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Metals Options									
COMEX COPPER	HX	3,987	2,060	93.5%	3,351	19.0%	26,652	19,354	37.7%
COMEX GOLD	OG	642,991	564,068	14.0%	603,984	6.5%	7,030,876	5,713,121	23.1%
COMEX SILVER	SO	135,144	77,955	73.4%	125,379	7.8%	1,061,115	985,168	7.7%
COPPER	H4E	0	0	0.0%	0	0.0%	0	10	-100.0%
GOLD	OG1	742	457	62.4%	1,737	-57.3%	9,598	3,765	154.9%
GOLD	OG2	990	942	5.1%	947	4.5%	10,227	5,995	70.6%
GOLD	OG3	1,203	271	343.9%	341	252.8%	8,146	4,407	84.8%
GOLD	OG4	282	284	-0.7%	379	-25.6%	5,130	2,422	111.8%
GOLD	OG5	518	0	0.0%	0	0.0%	2,954	1,099	168.8%
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	480	0	0.0%	2,308	-79.2%	35,989	14,310	151.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	5,060	1,200	321.7%	800	532.5%	29,246	41,550	-29.6%
NYMEX PLATINUM	PO	5,775	4,336	33.2%	6,803	-15.1%	40,263	46,736	-13.9%
PALLADIUM	PAO	2,756	3,238	-14.9%	4,910	-43.9%	29,154	34,945	-16.6%
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	122	0	0.0%	10	1,120.0%	144	423	-66.0%
SILVER	SO2	45	4	1,025.0%	0	0.0%	46	186	-75.3%
SILVER	SO3	84	0	0.0%	0	0.0%	284	194	46.4%
SILVER	SO4	52	0	0.0%	10	420.0%	72	141	-48.9%
SILVER	SO5	244	0	0.0%	0	0.0%	250	203	23.2%
TOTAL FUTURES GROUP									
Commodities and Alternative Investments Futures		569	188	202.7%	623	-8.7%	3,694	3,159	16.9%
Energy Futures		44,574,892	35,670,044	25.0%	44,487,288	0.2%	389,677,919	315,801,057	23.4%
Metals Futures		7,243,118	5,540,700	30.7%	8,761,511	-17.3%	76,951,378	59,397,822	29.6%
TOTAL FUTURES		51,818,579	41,210,932	25.7%	53,249,422	-2.7%	466,632,991	375,202,038	24.4%

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TOTAL OPTIONS GROUP								
Energy Options	6,631,197	5,219,661	27.0%	6,907,330	-4.0%	60,069,387	52,280,647	14.9%
Metals Options	800,475	654,815	22.2%	750,959	6.6%	8,290,146	6,874,029	20.6%
TOTAL OPTIONS	7,431,672	5,874,476	26.5%	7,658,289	-3.0%	68,359,533	59,154,676	15.6%
TOTAL COMBINED								
Commodities and Alternative Investments	569	188	202.7%	623	-8.7%	3,694	3,159	16.9%
Energy	51,206,089	40,889,705	25.2%	51,394,618	-0.4%	449,747,306	368,081,704	22.2%
Metals	8,043,593	6,195,515	29.8%	9,512,470	-15.4%	85,241,524	66,271,851	28.6%
GRAND TOTAL	59,250,251	47,085,408	25.8%	60,907,711	-2.7%	534,992,524	434,356,714	23.2%