



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2017	VOLUME JUL 2016	% CHG	VOLUME JUN 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments Futures</b>									
COCOA TAS	CJ	0	182	-100.0%	7	-100.0%	81	1,517	-94.7%
COFFEE	KT	0	6	-100.0%	0	0.0%	40	137	-70.8%
COTTON	TT	0	124	-100.0%	1	-100.0%	15	470	-96.8%
SUGAR 11	YO	5	54	-90.7%	7	-28.6%	37	378	-90.2%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	27,618,101	18,841,451	46.6%	29,140,589	-5.2%	174,885,389	155,010,664	12.8%
CRUDE OIL	WS	5,704	280	1,937.1%	0	0.0%	38,983	76,253	-48.9%
MINY WTI CRUDE OIL	QM	254,223	215,615	17.9%	307,971	-17.5%	1,815,186	2,045,808	-11.3%
BRENT OIL LAST DAY	BZ	1,434,996	1,634,124	-12.2%	2,164,588	-33.7%	13,779,538	14,219,424	-3.1%
HEATING OIL PHY	HO	3,601,087	3,052,514	18.0%	3,642,296	-1.1%	24,355,136	22,626,448	7.6%
HTG OIL	BH	36	116	-69.0%	48	-25.0%	168	5,402	-96.9%
MINY HTG OIL	QH	4	21	-81.0%	1	300.0%	18	72	-75.0%
RBOB PHY	RB	4,065,768	3,426,991	18.6%	4,454,360	-8.7%	29,147,747	26,137,740	11.5%
MINY RBOB GAS	QU	3	3	0.0%	4	-25.0%	31	27	14.8%
NATURAL GAS	HP	119,466	148,041	-19.3%	176,033	-32.1%	1,069,885	868,891	23.1%
LTD NAT GAS	HH	254,840	176,514	44.4%	359,310	-29.1%	2,073,896	1,608,546	28.9%
MINY NATURAL GAS	QG	16,566	24,762	-33.1%	20,763	-20.2%	184,590	174,111	6.0%
PJM MONTHLY	JM	0	40	-100.0%	0	0.0%	120	2,898	-95.9%
NATURAL GAS PHY	NG	7,515,283	6,769,102	11.0%	9,195,026	-18.3%	60,643,270	52,210,723	16.2%
RBOB GAS	RT	5,182	1,526	239.6%	2,510	106.5%	15,952	8,901	79.2%
3.5% FUEL OIL CID MED SWA	7D	5	121	-95.9%	0	0.0%	877	1,751	-49.9%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	170	165	3.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	240	-100.0%	0	0.0%	0	240	-100.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	1,580	-100.0%	0	0.0%	0	5,740	-100.0%
ALGONQUIN CITYGATES BASIS	B4	0	1,588	-100.0%	0	0.0%	0	5,417	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	248	-100.0%	0	0.0%	0	3,539	-100.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	0.0%	0	130	-100.0%
ARGUS LLS VS. WTI (ARG) T	E5	6,155	14,270	-56.9%	3,065	100.8%	42,760	97,655	-56.2%
ARGUS PROPAN FAR EST INDE	7E	3,541	1,671	111.9%	2,757	28.4%	13,095	10,993	19.1%



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ARGUS PROPAN(SAUDI ARAMCO)	9N	837	719	16.4%	818	2.3%	6,594	6,908	-4.5%
AUSTRIALIAN COKE COAL	ALW	0	131	-100.0%	0	0.0%	993	2,873	-65.4%
BRENT BALMO SWAP	J9	190	40	375.0%	150	26.7%	478	810	-41.0%
BRENT CALENDAR SWAP	CY	3,959	2,919	35.6%	644	514.8%	16,920	16,917	0.0%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	835	260	221.2%	16,120	-94.8%	41,011	2,087	1,865.1%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	1,424	-100.0%
BRENT FINANCIAL FUTURES	MDB	80	105	-23.8%	120	-33.3%	200	413	-51.6%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	-	0	0.0%	7,940	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	-	0	0.0%	0	0	-
CANADIAN LIGHT SWEET OIL	CIL	15	90	-83.3%	165	-90.9%	6,999	13,185	-46.9%
CENTERPOINT BASIS SWAP	PW	0	906	-100.0%	0	0.0%	534	9,950	-94.6%
CENTERPOINT EAST INDEX	II	0	740	-100.0%	0	0.0%	0	740	-100.0%
CENTER POINT NAT GAS FIXED PRICE	DAC	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	72,594	97,755	-25.7%	88,080	-17.6%	795,301	674,621	17.9%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	99	460	-78.5%	50	98.0%	981	1,837	-46.6%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	1,600	-100.0%
CIG BASIS	CI	540	5,386	-90.0%	0	0.0%	726	53,823	-98.7%
CIG ROCKIES NG INDEX SWA	Z8	0	124	-100.0%	0	0.0%	720	1,054	-31.7%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	0	60	-100.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	80,000	112,640	-29.0%	0	0.0%	262,680	275,560	-4.7%
CIN HUB 5MW D AH PK	H5	855	1,566	-45.4%	1,912	-55.3%	13,668	18,414	-25.8%
CIN HUB 5MW REAL TIME O P	H4	104,240	168,360	-38.1%	3,720	2,702.2%	381,000	966,584	-60.6%
CIN HUB 5MW REAL TIME PK	H3	2,205	4,350	-49.3%	1,700	29.7%	24,975	60,456	-58.7%
COAL SWAP	ACM	25	60	-58.3%	95	-73.7%	1,180	1,730	-31.8%
COAL SWAP	SSI	0	20	-100.0%	0	0.0%	0	157	-100.0%
COLUMB GULF MAINLINE NG B	5Z	999	790	26.5%	0	0.0%	999	14,968	-93.3%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	0.0%	0	2,208	-100.0%
COLUMBIA GULF NAT GAS FIXED PRICE	DCE	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	1,332	0	0.0%	0	0.0%	1,332	3,108	-57.1%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	242	93	160.2%	460	-47.4%	1,789	1,278	40.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	339	30	1,030.0%	170	99.4%	5,263	444	1,085.4%

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CONWAY PROPANE 5 DECIMALS SWAP	8K	10,865	6,048	79.6%	8,387	29.5%	61,289	40,515	51.3%
CRUDE OIL	CHB	0	0	0.0%	0	0.0%	0	60	-100.0%
CRUDE OIL	LPS	5,870	4,700	24.9%	2,434	141.2%	27,401	36,062	-24.0%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	86	180	-52.2%	110	-21.8%	3,841	623	516.5%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	270	-100.0%	600	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	-	0	0.0%	30	0	-
CRUDE OIL OUTRIGHTS	CSW	420	0	-	450	-6.7%	1,900	0	-
CRUDE OIL OUTRIGHTS	DBL	100	0	0.0%	150	-33.3%	1,050	450	133.3%
CRUDE OIL OUTRIGHTS	FE	230	0	0.0%	0	0.0%	330	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	30	-100.0%	0	0.0%	110	30	266.7%
CRUDE OIL OUTRIGHTS	HTT	5,740	5,250	9.3%	13,153	-56.4%	63,175	9,312	578.4%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	210	-100.0%	240	0	-
CRUDE OIL OUTRIGHTS	SSW	360	0	-	120	200.0%	705	0	-
CRUDE OIL OUTRIGHTS	WCC	615	1,180	-47.9%	425	44.7%	24,737	33,539	-26.2%
CRUDE OIL OUTRIGHTS	WCW	10,695	0	-	9,080	17.8%	29,710	0	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	1,300	6,435	-79.8%	5,870	-77.9%	34,139	15,642	118.3%
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%	0	2,720	-100.0%
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	0	0	0.0%	1,400	-100.0%	1,400	0	0.0%
DATED TO FRONTLINE BRENT	FY	2,580	1,550	66.5%	1,575	63.8%	9,600	11,260	-14.7%
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0.0%	0	800	-100.0%

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DEMARC SWING SWAP	DT	0	0	-	0	0.0%	0	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	10	-100.0%
DIESEL 10PPM BARGES FOB B	U7	3	0	-	0	-	3	0	-
DIESEL10PPM BARG VS ICE LS	LSE	0	0	0.0%	0	-	0	0	0.0%
DLY GAS EURO-BOB OXY	GBR	0	60	-100.0%	0	0.0%	0	60	-100.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0.0%	0	17,107	-100.0%
DOMINION TRANSMISSION INC	PG	6,081	8,824	-31.1%	670	807.6%	48,516	132,633	-63.4%
DUBAI CRUDE OIL BALMO	BI	0	275	-100.0%	0	0.0%	0	275	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	5,460	2,875	89.9%	9,450	-42.2%	66,799	9,480	604.6%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	1,310	-100.0%	411	-100.0%	4,215	8,877	-52.5%
EAST/WEST FUEL OIL SPREAD	EW	10	75	-86.7%	60	-83.3%	1,255	186	574.7%
EIA FLAT TAX ONHWAY DIESE	A5	674	1,192	-43.5%	854	-21.1%	6,118	8,092	-24.4%
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	N1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	O1	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	1,270	-100.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	3,825	-100.0%	3,825	0	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	70,200	-100.0%	70,200	0	0.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	690	0	-	0	-	690	0	-
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	23,480	-100.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	0.0%	0	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	0.0%	1,540	0	-
EL PASO PERMIAN INDEX SWA	IL	0	620	-100.0%	0	0.0%	0	1,612	-100.0%
EMMISSIONS	CPL	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	1,260	-100.0%	1,680	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	0.0%	14,720	4,280	243.9%

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ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	1,260	-100.0%	2,510	235	968.1%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	3,372	1,401	140.7%	6,611	-49.0%	27,525	14,973	83.8%
EU LOW SULPHUR GASOIL CRACK	LSC	0	0	0.0%	0	-	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	18	210	-91.4%
EURO 3.5% FUEL OIL RDAM B	KR	141	182	-22.5%	336	-58.0%	3,391	2,121	59.9%
EURO 3.5% FUEL OIL SPREAD	FK	680	330	106.1%	1,007	-32.5%	3,963	3,966	-0.1%
EURO-DENOMINATED PETRO PROD	IBE	0	0	0.0%	0	-	0	0	0.0%
EURO-DENOMINATED PETRO PROD	NCP	0	88	-100.0%	0	0.0%	1,340	158	748.1%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	75	-100.0%	80	-100.0%	278	450	-38.2%
EUROPE 1% FUEL OIL NWE CA	UF	0	565	-100.0%	10	-100.0%	663	1,342	-50.6%
EUROPE 1% FUEL OIL RDAM C	UH	10	10	0.0%	0	0.0%	36	124	-71.0%
EUROPE 3.5% FUEL OIL MED	UI	5	247	-98.0%	0	0.0%	1,164	2,519	-53.8%
EUROPE 3.5% FUEL OIL RDAM	UV	3,379	5,762	-41.4%	7,080	-52.3%	57,518	46,001	25.0%
EUROPEAN GASOIL (ICE)	7F	3,401	11,509	-70.4%	4,926	-31.0%	23,621	1,531,210	-98.5%
EUROPEAN NAPHTHA BALMO	KZ	260	133	95.5%	644	-59.6%	2,739	1,031	165.7%
EUROPEAN NAPHTHA CRACK SPR	EN	7,013	4,627	51.6%	5,581	25.7%	50,830	31,825	59.7%
EUROPE DATED BRENT SWAP	UB	1,400	3,100	-54.8%	0	0.0%	1,816	25,958	-93.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	60	38	57.9%
EUROPE NAPHTHA CALSWAP	UN	3,380	2,004	68.7%	2,895	16.8%	19,958	9,368	113.0%
EURO PROPANE CIF ARA SWA	PS	810	1,239	-34.6%	1,277	-36.6%	7,963	8,405	-5.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	0.0%	0	8,310	-100.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	789	-100.0%	0	0.0%	0	2,097	-100.0%
FREIGHT MARKETS	FLP	180	24	650.0%	315	-42.9%	881	1,468	-40.0%
FUEL OIL CRACK VS ICE	FO	1,527	5,217	-70.7%	9,040	-83.1%	31,586	28,762	9.8%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	32	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	930	-100.0%	0	0.0%	0	1,091	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	295	187	57.8%	614	-52.0%	2,386	2,729	-12.6%
GAS EURO-BOB OXY NWE BARGES	7H	5,446	4,784	13.8%	6,402	-14.9%	50,137	50,275	-0.3%
GAS EURO-BOB OXY NWE BARGES CRK	7K	14,159	11,803	20.0%	16,334	-13.3%	132,432	99,916	32.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0.0%	0	6	-100.0%
GASOIL 0.1 CARGOES CIF NE	TW	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0.0%	0	75	-100.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	40	-100.0%	0	0.0%	50	120	-58.3%

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Commodity		VOLUME JUL 2017	VOLUME JUL 2016	% CHG	VOLUME JUN 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Futures</b>									
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	0.0%	20	5	300.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	5	-100.0%	30	-100.0%	150	60	150.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	30	-100.0%	80	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	25	0	0.0%	0	0.0%	25	10	150.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	72	60	20.0%	0	0.0%	532	488	9.0%
GASOIL BULLET SWAP	BG	0	0	-	30	-100.0%	30	0	-
GASOIL CALENDAR SWAP	GX	0	46	-100.0%	0	0.0%	241	290	-16.9%
GASOIL CRACK SPREAD CALEN	GZ	5,308	7,971	-33.4%	12,510	-57.6%	55,883	36,632	52.6%
GASOIL MINI CALENDAR SWAP	QA	23	141	-83.7%	73	-68.5%	1,003	1,838	-45.4%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	0.0%	0	810	-100.0%
GC ULSD VS GC JET SPREAD	VV	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	125	0	0.0%	0	0.0%	125	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	5,461	3,780	44.5%	2,428	124.9%	21,210	17,343	22.3%
GRP THREE UNL GS (PLT) VS	A8	425	1,650	-74.2%	75	466.7%	3,654	9,515	-61.6%
GULF COAST 3% FUEL OIL BA	VZ	915	262	249.2%	2,253	-59.4%	9,111	5,369	69.7%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	355	192	84.9%	0	0.0%	901	1,133	-20.5%
GULF COAST JET VS NYM 2 H	ME	34,721	29,266	18.6%	41,623	-16.6%	302,818	227,475	33.1%
GULF COAST NO.6 FUEL OIL	MF	40,385	59,472	-32.1%	41,510	-2.7%	375,106	403,729	-7.1%
GULF COAST NO.6 FUEL OIL	MG	495	300	65.0%	1,961	-74.8%	9,915	5,434	82.5%
GULF COAST ULSD CALENDAR	LY	532	1,232	-56.8%	838	-36.5%	4,000	6,202	-35.5%
GULF COAST ULSD CRACK SPR	GY	1,700	75	2,166.7%	630	169.8%	3,870	6,006	-35.6%
HEATING OIL BALMO CLNDR S	1G	100	25	300.0%	150	-33.3%	830	320	159.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	20	-100.0%
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%
HENRY HUB BASIS SWAP	HB	2,720	16,538	-83.6%	2,046	32.9%	51,020	155,417	-67.2%
HENRY HUB FINANCIAL LAST	NBP	59	0	-	0	-	59	0	-
HENRY HUB FINANCIAL LAST	TTE	92	0	-	0	-	92	0	-
HENRY HUB INDEX SWAP FUTU	IN	2,108	15,594	-86.5%	2,046	3.0%	48,830	146,955	-66.8%
HENRY HUB SWAP	NN	246,115	257,428	-4.4%	127,193	93.5%	1,199,977	3,072,854	-60.9%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0.0%	0	290	-100.0%
HOUSTON SHIP CHANNEL BASI	NH	1,713	1,860	-7.9%	0	0.0%	3,777	24,668	-84.7%

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<b>Energy Futures</b>									
HOUSTON SHIP CHANNEL INDE	IP	0	186	-100.0%	0	0.0%	0	186	-100.0%
HUSTN SHIP CHNL PIPE SWP	XJ	719	0	0.0%	0	0.0%	719	0	0.0%
ICE BRENT DUBAI SWAP	DB	400	0	0.0%	3,920	-89.8%	69,463	10	694,530.0%
ICE GASOIL BALMO SWAP	U9	9	0	-	0	-	9	0	-
IN DELIVERY MONTH EUA	6T	0	350	-100.0%	0	0.0%	2,850	26,201	-89.1%
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%
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%	0	112	-100.0%
INDIANA MISO	PDM	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PTM	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	0	15	-100.0%	0	0.0%	5	170	-97.1%
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%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	72	513	-86.0%	1,473	-95.1%	3,885	2,766	40.5%
JAPAN C&F NAPHTHA SWAP	JA	894	1,055	-15.3%	1,906	-53.1%	11,505	8,226	39.9%
JAPAN NAPHTHA BALMO SWAP	E6	90	5	1,700.0%	63	42.9%	1,314	295	345.4%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	32	-100.0%	12	-100.0%	12	112	-89.3%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	129	82	57.3%	173	-25.4%	824	698	18.1%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	5	2	150.0%
JET FUEL CRG CIF NEW VS I	6X	42	0	0.0%	0	0.0%	62	30	106.7%
JET FUEL UP-DOWN BALMO CL	1M	5,056	1,365	270.4%	7,629	-33.7%	51,172	21,587	137.1%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	150	190	-21.1%	25	500.0%	1,220	5,082	-76.0%
LA CARBOB GASOLINE(OPIS)S	JL	0	325	-100.0%	425	-100.0%	1,550	5,575	-72.2%
LA JET FUEL VS NYM NO 2 H	MQ	0	15	-100.0%	0	0.0%	25	775	-96.8%
LA JET (OPIS) SWAP	JS	1,035	1,625	-36.3%	2,375	-56.4%	12,120	12,972	-6.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	2,438	5,808	-58.0%	465	424.3%	25,003	47,963	-47.9%
MARS (ARGUS) VS WTI SWAP	YX	5,830	805	624.2%	300	1,843.3%	21,851	33,128	-34.0%
MARS (ARGUS) VS WTI TRD M	YV	12,545	11,045	13.6%	13,825	-9.3%	134,129	66,704	101.1%
MARS BLEND CRUDE OIL	MB	0	3,450	-100.0%	613	-100.0%	11,228	14,964	-25.0%
MCCLOSKEY ARA ARGS COAL	MTF	36,344	118,648	-69.4%	43,738	-16.9%	353,303	1,306,301	-73.0%

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<b>Energy Futures</b>									
MCCLOSKY RCH BAY COAL	MFF	3,151	6,187	-49.1%	4,970	-36.6%	39,815	135,942	-70.7%
MGF FUT	MGF	0	0	0.0%	0	0.0%	197	100	97.0%
MGN1 SWAP FUT	MGN	180	75	140.0%	132	36.4%	934	963	-3.0%
MICHCON NG INDEX SWAP	Y8	0	1,840	-100.0%	0	0.0%	0	1,840	-100.0%
MICHIGAN BASIS	NF	0	1,845	-100.0%	0	0.0%	2,592	15,309	-83.1%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	3,195	7,240	-55.9%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	624	351	77.8%	901	-30.7%	3,796	2,580	47.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	402	200	101.0%	420	-4.3%	2,947	896	228.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3,372	1,014	232.5%	2,444	38.0%	18,151	7,748	134.3%
MJB FUT	MJB	0	0	0.0%	0	-	0	0	0.0%
MJC FUT	MJC	35	172	-79.7%	400	-91.3%	705	621	13.5%
MNC FUT	MNC	3,857	5,934	-35.0%	4,750	-18.8%	31,119	28,263	10.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	12,293	33,599	-63.4%	12,600	-2.4%	174,101	272,898	-36.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	0	110	-100.0%	100	-100.0%	2,272	650	249.5%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	72,188	141,588	-49.0%	68,617	5.2%	615,406	767,530	-19.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,495	875	70.9%	1,099	36.0%	12,805	5,916	116.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	3,408	7,291	-53.3%	3,764	-9.5%	29,966	60,644	-50.6%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	145	82	76.8%	217	-33.2%	1,783	1,410	26.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	23,552	26,064	-9.6%	24,222	-2.8%	195,635	162,611	20.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	294	656	-55.2%	397	-25.9%	5,281	4,975	6.2%
NAT GAS BASIS SWAP	SGW	0	0	0.0%	0	-	0	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	793	-100.0%	0	0.0%	1,737	22,996	-92.4%
NATURAL GAS	HBI	0	0	-	0	0.0%	0	0	-
NATURAL GAS	XIC	0	0	-	0	0.0%	44	0	-
NATURAL GAS	XSC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	360	0	0.0%	0	0.0%	360	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	Z5P	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	TZI	0	1,712	-100.0%	0	0.0%	656	6,702	-90.2%
NATURAL GAS PEN SWP	NP	63,075	123,511	-48.9%	87,654	-28.0%	633,057	784,479	-19.3%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	11,925	-100.0%

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<b>Energy Futures</b>									
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	635	-100.0%
NEPOOL INTR HUB 5MW D AH	H2	0	37,440	-100.0%	0	0.0%	221,100	164,637	34.3%
NEPOOL INTR HUB 5MW D AH	U6	690	2,040	-66.2%	1,600	-56.9%	15,670	15,708	-0.2%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	0.0%	0	640	-100.0%
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	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0.0%	0	0	0.0%
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%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	0	1,685	-100.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	900	750	20.0%	525	71.4%	4,610	11,300	-59.2%
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	1,200	3,393	-64.6%	0	0.0%	2,344	25,369	-90.8%
NGPL MIDCONTINENT INDEX	IW	0	620	-100.0%	0	0.0%	0	7,227	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	0.0%	0	620	-100.0%
NGPL TEX/OK	PD	3,088	1,100	180.7%	1,208	155.6%	5,856	22,624	-74.1%
NGPL TEXOK INDEX	OI	0	0	0.0%	0	0.0%	0	60	-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%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	187	-100.0%	100	-100.0%	3,560	2,562	39.0%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	1,595	-100.0%
NORTHERN NATURAL GAS VENTU	PF	0	1,235	-100.0%	0	0.0%	84	7,027	-98.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	1,738	6,806	-74.5%	368	372.3%	3,088	127,801	-97.6%
N ROCKIES PIPE SWAP	XR	334	0	0.0%	0	0.0%	334	0	0.0%
NY1% VS GC SPREAD SWAP	VR	2,754	2,814	-2.1%	2,612	5.4%	17,141	15,997	7.2%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0.0%	0	409	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	25	75	-66.7%	100	-75.0%	3,110	1,175	164.7%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	25	30	-16.7%
NY HARBOR HEAT OIL SWP	MP	4,456	1,947	128.9%	2,156	106.7%	18,790	18,449	1.8%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	295	-100.0%	1,100	-100.0%	4,048	4,551	-11.1%

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<b>Energy Futures</b>									
NY HARBOR RESIDUAL FUEL 1	MM	1,341	1,834	-26.9%	683	96.3%	17,886	24,478	-26.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	1,670	742	125.1%	1,035	61.4%	11,080	11,685	-5.2%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO A	KA	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	60	42	42.9%	0	0.0%	267	114	134.2%
NYISO CAPACITY	NNC	44	90	-51.1%	40	10.0%	1,514	1,287	17.6%
NYISO CAPACITY	NRS	180	72	150.0%	204	-11.8%	1,444	1,880	-23.2%
NYISO G	KG	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0.0%	0	172	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0.0%	0	80	-100.0%
NYISO ZONE A 5MW D AH O P	K4	23,400	0	0.0%	0	0.0%	32,760	231,440	-85.8%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	6,815	640	964.8%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	0	54,290	-100.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	110	1,512	-92.7%
NYISO ZONE G 5MW D AH O P	D2	0	79,560	-100.0%	327,600	-100.0%	648,480	364,160	78.1%
NYISO ZONE G 5MW D AH PK	T3	3,240	3,060	5.9%	9,125	-64.5%	47,955	25,089	91.1%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	46,800	-100.0%	226,600	102,952	120.1%
NYISO ZONE J 5MW D AH PK	D3	2,550	0	0.0%	2,750	-7.3%	22,295	7,767	187.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	29	236	-87.7%	327	-91.1%	7,720	2,944	162.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	945	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	60	30	100.0%	230	-73.9%	485	245	98.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	650	440	47.7%
PANHANDLE BASIS SWAP FUTU	PH	3,012	8,243	-63.5%	0	0.0%	3,060	59,604	-94.9%
PANHANDLE INDEX SWAP FUTU	IV	0	0	0.0%	0	0.0%	0	2,480	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	864	0	0.0%
PERMIAN BASIS SWAP	PM	795	3,720	-78.6%	0	0.0%	1,009	26,222	-96.2%
PETROCHEMICALS	22	50	15	233.3%	42	19.0%	500	369	35.5%
PETROCHEMICALS	32	67	45	48.9%	115	-41.7%	778	381	104.2%

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<b>Energy Futures</b>									
PETROCHEMICALS	8I	406	109	272.5%	683	-40.6%	4,275	1,166	266.6%
PETROCHEMICALS	91	203	181	12.2%	210	-3.3%	1,489	1,219	22.1%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	48	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	40	90	-55.6%	10	300.0%	70	355	-80.3%
PETROCHEMICALS	MAS	30	65	-53.8%	10	200.0%	185	910	-79.7%
PETROCHEMICALS	MBE	1,900	4,115	-53.8%	1,580	20.3%	8,725	19,435	-55.1%
PETROCHEMICALS	MNB	2,279	1,924	18.5%	2,220	2.7%	10,969	13,426	-18.3%
PETROCHEMICALS	MPS	0	0	-	0	0.0%	10	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	37	-100.0%	142	1,050	-86.5%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	264	64	312.5%
PETRO CRCKS & SPRDS ASIA	STS	420	0	0.0%	740	-43.2%	1,310	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	260	420	-38.1%	15	1,633.3%	1,055	913	15.6%
PETRO CRCKS & SPRDS NA	EXR	1,937	963	101.1%	1,903	1.8%	18,180	9,711	87.2%
PETRO CRCKS & SPRDS NA	FOC	0	1,825	-100.0%	1,613	-100.0%	5,703	6,100	-6.5%
PETRO CRCKS & SPRDS NA	GBB	985	30	3,183.3%	1,280	-23.0%	5,670	1,160	388.8%
PETRO CRCKS & SPRDS NA	GCC	0	100	-100.0%	0	0.0%	800	1,425	-43.9%
PETRO CRCKS & SPRDS NA	GCI	752	2,397	-68.6%	774	-2.8%	8,987	6,534	37.5%
PETRO CRCKS & SPRDS NA	GCM	0	21	-100.0%	42	-100.0%	42	56	-25.0%
PETRO CRCKS & SPRDS NA	GCU	2,919	6,243	-53.2%	6,487	-55.0%	44,303	52,336	-15.3%
PETRO CRCKS & SPRDS NA	GFC	0	104	-100.0%	0	0.0%	535	104	414.4%
PETRO CRCKS & SPRDS NA	HOB	7,770	4,135	87.9%	4,677	66.1%	24,749	29,582	-16.3%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	23	-100.0%	109	520	-79.0%
PETRO CRCKS & SPRDS NA	NYF	300	0	0.0%	225	33.3%	1,125	175	542.9%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	RBB	6,860	9,181	-25.3%	6,993	-1.9%	61,132	65,965	-7.3%
PETRO CRCKS & SPRDS NA	RVG	15,645	8,060	94.1%	15,125	3.4%	109,127	50,370	116.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	9	-100.0%	15	34	-55.9%
PETRO CRK&SPRD EURO	1NB	1,297	1,272	2.0%	1,412	-8.1%	9,340	11,918	-21.6%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	43	224	45	397.8%	258	-13.2%	1,743	976	78.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,113	1,188	-6.3%	2,242	-50.4%	15,079	14,036	7.4%

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<b>Energy Futures</b>									
PETRO CRK&SPRD EURO	EGN	18	0	-	0	-	18	0	-
PETRO CRK&SPRD EURO	EOB	11	0	0.0%	11	0.0%	90	91	-1.1%
PETRO CRK&SPRD EURO	EPN	348	122	185.2%	402	-13.4%	2,753	1,560	76.5%
PETRO CRK&SPRD EURO	EVC	1,368	1,030	32.8%	2,174	-37.1%	18,774	9,979	88.1%
PETRO CRK&SPRD EURO	FBT	0	100	-100.0%	0	0.0%	0	460	-100.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	64	-100.0%	739	760	-2.8%
PETRO CRK&SPRD EURO	GOC	25	0	0.0%	30	-16.7%	90	69	30.4%
PETRO CRK&SPRD EURO	LSU	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	116	-100.0%	33	-100.0%	719	744	-3.4%
PETRO CRK&SPRD EURO	NBB	5	23	-78.3%	20	-75.0%	114	123	-7.3%
PETRO CRK&SPRD EURO	NOB	804	827	-2.8%	852	-5.6%	7,130	2,819	152.9%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	155	105	47.6%
PETRO CRK&SPRD EURO	SFC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D44	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D45	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D46	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	D64	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	D65	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	EWG	934	1,524	-38.7%	1,212	-22.9%	17,658	2,074	751.4%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	80	531	-84.9%
PETROLEUM PRODUCTS	MGS	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	100	1,363	-92.7%
PETROLEUM PRODUCTS	VU	233	780	-70.1%	612	-61.9%	1,644	1,959	-16.1%
PETROLEUM PRODUCTS ASIA	E6M	30	0	0.0%	26	15.4%	152	427	-64.4%
PETROLEUM PRODUCTS ASIA	MJN	2,524	1,780	41.8%	2,576	-2.0%	14,707	9,115	61.3%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	0.0%	25	0	-
PETRO OUTRIGHT EURO	0A	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0B	20	420	-95.2%	20	0.0%	83	1,250	-93.4%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	106	-100.0%
PETRO OUTRIGHT EURO	0D	2,357	2,271	3.8%	2,337	0.9%	17,649	29,626	-40.4%
PETRO OUTRIGHT EURO	0E	395	728	-45.7%	434	-9.0%	3,825	5,878	-34.9%

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<b>Energy Futures</b>									
PETRO OUTRIGHT EURO	0F	949	1,251	-24.1%	772	22.9%	8,860	8,002	10.7%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0.0%	60	20	200.0%
PETRO OUTRIGHT EURO	33	0	15	-100.0%	0	0.0%	80	219	-63.5%
PETRO OUTRIGHT EURO	5L	0	597	-100.0%	80	-100.0%	491	1,477	-66.8%
PETRO OUTRIGHT EURO	63	35	130	-73.1%	0	0.0%	497	877	-43.3%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0.0%	2	0	0.0%
PETRO OUTRIGHT EURO	7I	245	506	-51.6%	100	145.0%	875	1,273	-31.3%
PETRO OUTRIGHT EURO	7P	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	7R	311	401	-22.4%	480	-35.2%	1,851	1,910	-3.1%
PETRO OUTRIGHT EURO	88	5	0	0.0%	0	0.0%	5	55	-90.9%
PETRO OUTRIGHT EURO	CBB	0	0	-	0	0.0%	42	0	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	44	15	193.3%	192	-77.1%	2,039	304	570.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	10	-100.0%	280	361	-22.4%
PETRO OUTRIGHT EURO	EFM	102	525	-80.6%	30	240.0%	428	615	-30.4%
PETRO OUTRIGHT EURO	ENS	40	405	-90.1%	30	33.3%	130	998	-87.0%
PETRO OUTRIGHT EURO	ESB	63	0	-	0	0.0%	69	0	-
PETRO OUTRIGHT EURO	EWN	604	300	101.3%	861	-29.8%	5,092	1,240	310.6%
PETRO OUTRIGHT EURO	FBD	0	20	-100.0%	0	0.0%	20	20	0.0%
PETRO OUTRIGHT EURO	MBB	100	0	0.0%	230	-56.5%	480	84	471.4%
PETRO OUTRIGHT EURO	MBN	1,730	1,465	18.1%	1,874	-7.7%	7,277	9,527	-23.6%
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	40	40	0.0%
PETRO OUTRIGHT EURO	T0	54	0	0.0%	0	0.0%	164	368	-55.4%
PETRO OUTRIGHT EURO	ULB	0	400	-100.0%	0	0.0%	375	490	-23.5%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO	W0	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	Y0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FCB	496	19	2,510.5%	96	416.7%	1,350	966	39.8%
PETRO OUTRIGHT NA	FOB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	10	-100.0%	50	3	1,566.7%
PETRO OUTRIGHT NA	GBA	0	0	0.0%	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	GUD	0	0	0.0%	0	0.0%	0	13	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	270	-100.0%	420	439	-4.3%
PETRO OUTRIGHT NA	JET	2,440	3,700	-34.1%	3,052	-20.1%	26,039	14,590	78.5%
PETRO OUTRIGHT NA	JTB	650	0	-	0	0.0%	950	0	-

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<b>Energy Futures</b>									
PETRO OUTRIGHT NA	MBL	0	0	0.0%	26	-100.0%	161	168	-4.2%
PETRO OUTRIGHT NA	MEN	305	861	-64.6%	371	-17.8%	4,369	4,870	-10.3%
PETRO OUTRIGHT NA	MEO	7,353	10,500	-30.0%	7,100	3.6%	71,345	70,379	1.4%
PETRO OUTRIGHT NA	MFD	13	313	-95.8%	165	-92.1%	203	793	-74.4%
PETRO OUTRIGHT NA	MMF	0	30	-100.0%	10	-100.0%	426	1,063	-59.9%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	625	100	525.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	9,344	65,472	-85.7%	0	0.0%	273,469	1,014,512	-73.0%
PJM AD HUB 5MW REAL TIME	Z9	511	9,056	-94.4%	0	0.0%	19,441	80,849	-76.0%
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	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0.0%	46,800	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0.0%	2,550	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	23,400	-100.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM COMED 5MW D AH O PK	D9	0	23,480	-100.0%	0	0.0%	85,390	210,680	-59.5%
PJM COMED 5MW D AH PK	D8	0	1,270	-100.0%	0	0.0%	4,675	11,470	-59.2%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	1,300	-100.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	211,995	21,305	895.0%
PJM DAYTON DA PEAK	D7	0	6,350	-100.0%	0	0.0%	5,250	14,755	-64.4%
PJM DUQUESNE 5MW D AH PK	D5	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%
PJM JCPL DA OFF-PEAK	F2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	1,905	0	0.0%	2,525	-24.6%	77,840	41,968	85.5%
PJM NI HUB 5MW REAL TIME	B6	32,760	49,415	-33.7%	39,290	-16.6%	1,664,500	989,372	68.2%
PJM NILL DA OFF-PEAK	L3	23,400	28,617	-18.2%	0	0.0%	685,367	527,055	30.0%
PJM NILL DA PEAK	N3	1,275	1,375	-7.3%	0	0.0%	39,026	25,217	54.8%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	140	-100.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PEPCO DA OFF-PEAK	Q8	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	L5	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	163,800	-100.0%

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<b>Energy Futures</b>									
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	5,100	-100.0%
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	375,680	-100.0%	0	0.0%	7,500	825,010	-99.1%
PJM WESTHDA PEAK	J4	0	20,320	-100.0%	4,730	-100.0%	6,070	42,598	-85.8%
PJM WESTH RT OFF-PEAK	N9	56,840	962,311	-94.1%	331,190	-82.8%	1,846,225	5,428,596	-66.0%
PJM WESTH RT PEAK	L1	15,947	59,808	-73.3%	36,015	-55.7%	178,376	449,328	-60.3%
PLASTICS	PGP	437	20	2,085.0%	785	-44.3%	3,815	2,131	79.0%
PREMIUM UNLD 10P FOB MED	3G	32	294	-89.1%	50	-36.0%	408	2,155	-81.1%
PREMIUM UNLEAD 10PPM FOB	8G	32	17	88.2%	20	60.0%	152	278	-45.3%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	7	2	250.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	55	-100.0%	0	0.0%	37	243	-84.8%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	100	225	-55.6%	311	-67.8%	3,907	2,502	56.2%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	2,363	11,648	-79.7%	6,303	-62.5%	49,813	70,868	-29.7%
RBOB CALENDAR SWAP	RL	7,325	7,572	-3.3%	6,248	17.2%	48,710	41,822	16.5%
RBOB CRACK SPREAD	RM	485	50	870.0%	0	0.0%	2,564	10,295	-75.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	785	943	-16.8%	619	26.8%	5,521	4,563	21.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	0.0%	0	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR SWA	RV	0	0	0.0%	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	2,380	2,280	4.4%	1,665	42.9%	14,850	11,227	32.3%
ROCKIES KERN OPAL - NW IN	IR	0	310	-100.0%	0	0.0%	0	1,046	-100.0%
SAN JUAN BASIS SWAP	NJ	2,040	4,722	-56.8%	0	0.0%	2,254	45,301	-95.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	50	15	233.3%	60	-16.7%	422	382	10.5%
SINGAPORE 380CST BALMO	BT	146	135	8.1%	136	7.4%	1,390	1,008	37.9%
SINGAPORE 380CST FUEL OIL	SE	6,317	9,308	-32.1%	9,859	-35.9%	75,963	45,503	66.9%
SINGAPORE FUEL 180CST CAL	UA	963	1,079	-10.8%	835	15.3%	7,955	8,635	-7.9%
SINGAPORE FUEL OIL SPREAD	SD	763	576	32.5%	394	93.7%	5,609	3,849	45.7%
SINGAPORE GASOIL	MTB	270	166	62.7%	30	800.0%	1,073	1,681	-36.2%
SINGAPORE GASOIL	MTS	4,294	3,444	24.7%	3,554	20.8%	33,037	24,178	36.6%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	100	-100.0%	800	180	344.4%
SINGAPORE GASOIL CALENDAR	MSG	163	0	0.0%	229	-28.8%	2,111	347	508.4%
SINGAPORE GASOIL SWAP	SG	9,669	6,562	47.3%	8,085	19.6%	71,602	29,352	143.9%

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<b>Energy Futures</b>									
SINGAPORE GASOIL VS ICE	GA	3,455	2,508	37.8%	10,685	-67.7%	61,369	13,008	371.8%
SINGAPORE JET KERO BALMO	BX	100	0	0.0%	24	316.7%	536	56	857.1%
SINGAPORE JET KERO GASOIL	RK	1,565	1,745	-10.3%	1,975	-20.8%	15,095	5,050	198.9%
SINGAPORE JET KEROSENE SW	KS	3,295	1,130	191.6%	65	4,969.2%	10,244	3,720	175.4%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	57	0	0.0%	0	0.0%	1,240	2,818	-56.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	6,378	5,805	9.9%	11,981	-46.8%	55,800	46,422	20.2%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0.0%	0	20	-100.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	0	5	-100.0%	0	0.0%	40	10	300.0%
SOCAL BASIS SWAP	NS	0	0	0.0%	0	-	0	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0.0%	0	368	-100.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0.0%	0	522	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	1,104	-100.0%	0	0.0%	0	1,368	-100.0%
Sumas Basis Swap	NK	550	787	-30.1%	1,003	-45.2%	6,238	13,775	-54.7%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	306	0	0.0%	0	0.0%	306	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	-	0	0	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	824	1,345	-38.7%	0	0.0%	8,226	17,414	-52.8%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	0.0%	0	1,285	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	331	-100.0%	0	0.0%	428	724	-40.9%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	796	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	604	-100.0%	0	0.0%	0	2,600	-100.0%
Tetco ELA Basis	TE	0	0	0.0%	0	-	0	0	0.0%
TETCO M-3 INDEX	IX	0	279	-100.0%	0	0.0%	0	7,463	-100.0%
Tetco STX Basis	TX	0	730	-100.0%	0	0.0%	0	1,611	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	453	8,531	-94.7%	0	0.0%	8,000	55,776	-85.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	8E	0	0	0.0%	0	-	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	302	610	-50.5%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	-	0	0.0%	6,256	0	-
TRANSCO ZONE4 BASIS SWAP	TR	5,520	1,567	252.3%	1,208	357.0%	12,619	16,209	-22.1%
TRANSCO ZONE 4 NAT GAS IN	B2	0	744	-100.0%	0	0.0%	465	1,457	-68.1%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	1,219	-100.0%	0	0.0%	2,870	6,389	-55.1%

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<b>Energy Futures</b>									
TRANSCO ZONE 6 INDEX	IT	0	604	-100.0%	0	0.0%	856	6,014	-85.8%
TRANSCO ZONE 6 PIPE SWAP	XZ4	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	47	10	370.0%	28	67.9%	245	231	6.1%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	0.0%	0	38	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	30	45	-33.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	46	-100.0%	45	-100.0%	66	154	-57.1%
ULSD 10PPM CIF NW BALMO S	B1	6	0	-	0	-	6	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0.0%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	2,575	9,862	-73.9%	1,890	36.2%	24,950	32,410	-23.0%
UP DOWN GC ULSD VS NMX HO	LT	40,618	68,604	-40.8%	50,607	-19.7%	304,721	374,506	-18.6%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0.0%	0	175	-100.0%
VENTURA NAT GAS PLATTS FIXED PRICE	DVA	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	1,220	6,891	-82.3%	950	28.4%	3,052	35,670	-91.4%
WAHA INDEX SWAP FUTURE	IY	0	620	-100.0%	0	0.0%	0	7,940	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	355	-100.0%	60	-100.0%	2,220	7,367	-69.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	404	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	18,140	17,120	6.0%	10,199	77.9%	64,352	86,187	-25.3%
WTI CALENDAR	CS	30,979	20,942	47.9%	23,287	33.0%	236,162	212,256	11.3%
WTS (ARGUS) VS WTI SWAP	FF	3,480	450	673.3%	4,755	-26.8%	25,374	7,382	243.7%
WTS (ARGUS) VS WTI TRD MT	FH	1,024	1,010	1.4%	510	100.8%	3,944	7,726	-49.0%
<b>Energy Options</b>									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	-	230	-100.0%	230	0	-
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0.0%	0	0	0.0%
APPALACHIAN COAL	6K	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	1,875	0	0.0%	1,050	78.6%	5,297	10,628	-50.2%
BRENT OIL LAST DAY	BE	8,345	5,150	62.0%	1,020	718.1%	24,295	30,215	-19.6%
BRENT OIL LAST DAY	BZO	37,305	26,602	40.2%	25,493	46.3%	179,274	96,131	86.5%
BRENT OIL LAST DAY	OS	0	704	-100.0%	1,096	-100.0%	3,144	11,222	-72.0%
COAL API2 INDEX	CLA	955	3,670	-74.0%	1,185	-19.4%	8,021	44,832	-82.1%
COAL API2 INDEX	CQA	0	700	-100.0%	0	0.0%	610	100,884	-99.4%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	50	150	-66.7%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	0	1,330	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	140	385	-63.6%



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<b>Energy Options</b>									
COAL SWAP	RPF	0	0	0.0%	0	0.0%	85	86	-1.2%
CRUDE OIL 1MO	WA	182,275	330,021	-44.8%	190,901	-4.5%	1,237,848	1,724,657	-28.2%
CRUDE OIL APO	AO	56,517	19,993	182.7%	36,758	53.8%	257,543	173,296	48.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	1,150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	CD	2,405	1,300	85.0%	2,750	-12.5%	14,665	25,325	-42.1%
CRUDE OIL PHY	LC	10,570	23,798	-55.6%	17,353	-39.1%	205,522	270,478	-24.0%
CRUDE OIL PHY	LO	3,422,908	3,414,591	0.2%	4,065,747	-15.8%	27,647,904	25,870,798	6.9%
CRUDE OIL PHY	LO1	17,212	3,991	331.3%	11,365	51.4%	89,014	35,113	153.5%
CRUDE OIL PHY	LO2	13,502	2,967	355.1%	15,852	-14.8%	79,700	29,339	171.7%
CRUDE OIL PHY	LO3	11,336	0	0.0%	6,885	64.6%	59,944	14,251	320.6%
CRUDE OIL PHY	LO4	22,170	3,010	636.5%	17,091	29.7%	114,322	29,338	289.7%
CRUDE OIL PHY	LO5	0	4,672	-100.0%	21,155	-100.0%	34,788	15,549	123.7%
DAILY CRUDE OIL	DNM	0	0	0.0%	0	-	0	0	0.0%
ELEC FINSETTLED	PML	0	50	-100.0%	0	0.0%	0	213	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	820	2,580	-68.2%
ELECTRICITY OFF PEAK	N9P	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	75	25	200.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	4,365	4,392	-0.6%	5,396	-19.1%	35,802	38,695	-7.5%
ETHANOL SWAP	GVR	465	430	8.1%	0	0.0%	1,385	2,318	-40.3%
EURO-DENOMINATED PETRO PROD	EFB	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%	0	60	-100.0%
GASOIL CRACK SPREAD AVG PRICE OPTION	3U	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	0	872	-100.0%
HEATING OIL CRACK OPTIONS	CH	0	0	-	100	-100.0%	100	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	0.0%	0	0	-
HEATING OIL PHY	LB	52	1,288	-96.0%	610	-91.5%	1,568	2,609	-39.9%
HEATING OIL PHY	OH	23,467	49,865	-52.9%	41,955	-44.1%	224,046	396,178	-43.4%
HENRY HUB FINANCIAL LAST	E7	3,136	2,003	56.6%	2,741	14.4%	25,360	15,346	65.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	1,300	5,700	-77.2%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	2,400	-100.0%	0	0.0%	5,100	11,130	-54.2%
MCCLOSKEY ARA ARGS COAL	MTO	0	300	-100.0%	540	-100.0%	1,290	8,995	-85.7%

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<b>Energy Options</b>									
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	2,385	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	450	500	-10.0%
NATURAL GAS 12 M CSO FIN	G7	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	9,695	3,000	223.2%	36,200	-73.2%	283,820	36,530	677.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	250	-100.0%	3,550	1,000	255.0%
NATURAL GAS 3 M CSO FIN	G3	7,625	17,037	-55.2%	28,850	-73.6%	80,425	156,724	-48.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	4,050	1,200	237.5%
NATURAL GAS 6 M CSO FIN	G6	2,250	0	0.0%	700	221.4%	36,820	4,100	798.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	1,440	900	60.0%	1,500	-4.0%	6,938	13,378	-48.1%
NATURAL GAS PHY	KD	36,057	17,275	108.7%	44,507	-19.0%	237,168	232,844	1.9%
NATURAL GAS PHY	LN	1,777,239	1,956,091	-9.1%	2,548,658	-30.3%	15,848,818	13,384,687	18.4%
NATURAL GAS PHY	ON	177,475	312,093	-43.1%	213,363	-16.8%	1,421,366	1,964,627	-27.7%
NATURAL GAS PHY	ON1	0	0	-	0	0.0%	0	0	-
NATURAL GAS PHY	ON5	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0.0%	0	500	-100.0%
N ROCKIES PIPE SWAP	ZR	360	720	-50.0%	540	-33.3%	2,856	3,510	-18.6%
NY HARBOR HEAT OIL SWP	AT	4,308	6,819	-36.8%	5,280	-18.4%	25,148	42,214	-40.4%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	19,830	420	4,621.4%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OPT	F8	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	-	0	0.0%	2,880	0	-
PETROCHEMICALS	4H	555	432	28.5%	350	58.6%	3,374	9,470	-64.4%
PETROCHEMICALS	4I	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4J	0	1,095	-100.0%	30	-100.0%	2,450	4,455	-45.0%
PETROCHEMICALS	4K	200	0	0.0%	0	0.0%	200	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	18	495	-96.4%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	0	0	0.0%	0	-	0	0	0.0%
PJM CALENDAR STRIP	6O	0	0	0.0%	0	-	0	0	0.0%
PJM ELECTRIC	6OO	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	530	280	89.3%	400	32.5%	3,550	420	745.2%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	492	215	128.8%	380	29.5%	12,085	1,910	532.7%
RBOB 1MO CAL SPD OPTIONS	ZA	1,458	0	0.0%	550	165.1%	2,008	3,400	-40.9%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0.0%	2,135	5,799	-63.2%

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<b>Energy Options</b>									
RBOB PHY	OB	24,404	20,360	19.9%	24,165	1.0%	178,848	285,849	-37.4%
RBOB PHY	RF	0	0	0.0%	25	-100.0%	85	20	325.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	400	-100.0%
SAN JUAN PIPE SWAP	PJ	180	720	-75.0%	540	-66.7%	1,980	6,312	-68.6%
SHORT TERM	U11	840	100	740.0%	0	0.0%	3,290	1,600	105.6%
SHORT TERM	U12	90	600	-85.0%	2,190	-95.9%	3,679	2,780	32.3%
SHORT TERM	U13	420	100	320.0%	690	-39.1%	2,085	3,411	-38.9%
SHORT TERM	U14	415	800	-48.1%	490	-15.3%	1,705	4,425	-61.5%
SHORT TERM	U15	0	125	-100.0%	840	-100.0%	3,585	1,975	81.5%
SHORT TERM	U22	0	500	-100.0%	777	-100.0%	1,577	2,375	-33.6%
SHORT TERM	U23	0	0	0.0%	162	-100.0%	1,022	680	50.3%
SHORT TERM	U24	250	0	0.0%	0	0.0%	1,970	1,380	42.8%
SHORT TERM	U25	200	0	0.0%	0	0.0%	300	205	46.3%
SHORT TERM	U26	0	0	0.0%	232	-100.0%	292	1,230	-76.3%
SHORT TERM CRUDE OIL	C02	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM NATURAL GAS	U01	250	300	-16.7%	0	0.0%	2,290	3,275	-30.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	1,140	-100.0%	2,425	3,075	-21.1%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	750	-100.0%	2,120	725	192.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	730	2,500	-70.8%
SHORT TERM NATURAL GAS	U05	600	300	100.0%	1,895	-68.3%	3,225	2,325	38.7%
SHORT TERM NATURAL GAS	U06	460	100	360.0%	665	-30.8%	5,625	1,930	191.5%
SHORT TERM NATURAL GAS	U07	670	300	123.3%	590	13.6%	2,935	3,500	-16.1%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	1,265	-100.0%	3,385	2,047	65.4%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	940	-100.0%	2,700	3,392	-20.4%
SHORT TERM NATURAL GAS	U10	1,130	0	0.0%	0	0.0%	4,887	3,565	37.1%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	1,240	-100.0%	2,120	3,310	-36.0%
SHORT TERM NATURAL GAS	U17	1,020	0	0.0%	0	0.0%	2,929	780	275.5%
SHORT TERM NATURAL GAS	U18	70	525	-86.7%	0	0.0%	487	2,080	-76.6%
SHORT TERM NATURAL GAS	U19	380	0	0.0%	2,150	-82.3%	3,685	1,080	241.2%
SHORT TERM NATURAL GAS	U20	290	0	0.0%	990	-70.7%	2,805	1,030	172.3%
SHORT TERM NATURAL GAS	U21	194	100	94.0%	940	-79.4%	1,799	575	212.9%
SHORT TERM NATURAL GAS	U27	0	100	-100.0%	0	0.0%	1,870	900	107.8%
SHORT TERM NATURAL GAS	U28	200	1,250	-84.0%	1,160	-82.8%	1,605	3,275	-51.0%
SHORT TERM NATURAL GAS	U29	0	225	-100.0%	260	-100.0%	260	2,450	-89.4%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	1,260	-100.0%	3,055	600	409.2%
SHORT TERM NATURAL GAS	U31	400	0	0.0%	0	0.0%	5,650	750	653.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2017	VOLUME JUL 2016	% CHG	VOLUME JUN 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Energy Options</b>									
SINGAPORE FUEL OIL 180 CS	C5	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 CALEND	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	0.0%	0	10,000	-100.0%
WTI 12 MONTH CALENDAR OPT	WZ	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	7,352	14,350	-48.8%	10,367	-29.1%	237,474	136,840	73.5%
WTI CRUDE OIL 1 M CSO FI	7A	28,750	109,000	-73.6%	46,000	-37.5%	382,950	1,177,393	-67.5%
<b>Metals Futures</b>									
COMEX GOLD	GC	5,957,038	5,798,480	2.7%	4,906,631	21.4%	38,333,833	34,709,127	10.4%
NYMEX HOT ROLLED STEEL	HR	6,639	3,415	94.4%	4,905	35.4%	31,182	33,196	-6.1%
NYMEX PLATINUM	PL	321,062	279,689	14.8%	529,562	-39.4%	2,633,567	2,173,484	21.2%
PALLADIUM	PA	82,725	104,219	-20.6%	120,488	-31.3%	844,592	773,833	9.1%
URANIUM	UX	286	0	0.0%	530	-46.0%	4,225	6,493	-34.9%
COMEX SILVER	SI	1,829,718	1,458,746	25.4%	2,371,502	-22.8%	12,945,871	10,311,808	25.5%
COMEX E-Mini GOLD	QO	7,215	15,804	-54.3%	5,858	23.2%	59,088	80,676	-26.8%
COMEX E-Mini SILVER	QI	915	2,179	-58.0%	986	-7.2%	6,399	8,560	-25.2%
COMEX COPPER	HG	1,740,501	1,510,169	15.3%	2,297,605	-24.2%	14,040,731	11,890,930	18.1%
COMEX MINY COPPER	QC	370	334	10.8%	996	-62.9%	5,479	4,116	33.1%
Aluminium MW Trans Prem Platts	AUP	4,732	6,192	-23.6%	5,921	-20.1%	51,672	43,399	19.1%
ALUMINUM	A38	0	50	-100.0%	0	0.0%	30	50	-40.0%
ALUMINUM	AEP	720	1,350	-46.7%	1,380	-47.8%	17,789	7,529	136.3%
ALUMINUM	ALA	250	0	-	50	400.0%	450	0	-
ALUMINUM	ALI	332	665	-50.1%	380	-12.6%	5,503	4,394	25.2%
ALUMINUM	EDP	480	420	14.3%	1,253	-61.7%	4,530	2,490	81.9%
ALUMINUM	MJP	2,654	341	678.3%	937	183.2%	8,339	4,663	78.8%
COPPER	HGS	22	30	-26.7%	40	-45.0%	985	2,838	-65.3%
E-MICRO GOLD	MGC	81,456	97,398	-16.4%	87,230	-6.6%	606,072	667,510	-9.2%
FERROUS PRODUCTS	BUS	30	0	0.0%	195	-84.6%	530	510	3.9%
FERROUS PRODUCTS	SSF	0	0	0.0%	0	-	0	0	0.0%
GOLD	GPS	1	0	-	0	0.0%	1	0	-
Gold Kilo	GCK	258	3,717	-93.1%	356	-27.5%	2,535	35,938	-92.9%
IRON ORE 58 CHINA TSI FUTURES	TIC	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	4,070	0	0.0%	630	546.0%	6,212	2,470	151.5%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2017	VOLUME JUL 2016	% CHG	VOLUME JUN 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>Metals Futures</b>									
IRON ORE 62 CHINA TSI FUTURES	TIO	4,483	12,551	-64.3%	6,205	-27.8%	70,909	123,334	-42.5%
LNDN ZINC	ZNC	0	35	-100.0%	35	-100.0%	85	186	-54.3%
METALS	LED	0	0	0.0%	0	0.0%	0	5	-100.0%
SILVER	SIL	5,431	12,077	-55.0%	5,916	-8.2%	36,817	59,210	-37.8%
<b>Metals Options</b>									
COMEX COPPER	HX	5,989	5,791	3.4%	2,328	157.3%	28,589	19,314	48.0%
COMEX GOLD	OG	789,412	585,536	34.8%	780,304	1.2%	5,571,442	5,783,901	-3.7%
COMEX SILVER	SO	131,387	134,625	-2.4%	108,479	21.1%	811,506	800,592	1.4%
COPPER	H4E	0	0	0.0%	0	-	0	0	0.0%
GOLD	OG1	2,992	463	546.2%	2,471	21.1%	19,193	7,119	169.6%
GOLD	OG2	2,976	1,905	56.2%	3,424	-13.1%	20,046	8,290	141.8%
GOLD	OG3	1,690	1,383	22.2%	4,030	-58.1%	25,090	6,602	280.0%
GOLD	OG4	2,568	934	174.9%	2,636	-2.6%	11,234	4,469	151.4%
GOLD	OG5	0	626	-100.0%	3,183	-100.0%	5,791	2,436	137.7%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	300	1,230	-75.6%	180	66.7%	8,452	33,201	-74.5%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	2,580	5,162	-50.0%	430	500.0%	17,195	23,386	-26.5%
NYMEX PLATINUM	PO	3,239	2,657	21.9%	1,325	144.5%	17,952	27,685	-35.2%
PALLADIUM	PAO	6,731	5,392	24.8%	5,755	17.0%	31,923	21,488	48.6%
SILVER	SO1	14	0	0.0%	45	-68.9%	523	12	4,258.3%
SILVER	SO2	24	0	0.0%	24	0.0%	188	1	18,700.0%
SILVER	SO3	0	195	-100.0%	5	-100.0%	567	200	183.5%
SILVER	SO4	17	1	1,600.0%	3	466.7%	114	10	1,040.0%
SILVER	SO5	0	0	0.0%	3	-100.0%	3	6	-50.0%
<b>TOTAL FUTURES GROUP</b>									
Commodities and Alternative Investments Futures		5	366	-98.6%	15	-66.7%	173	2,502	-93.1%
Energy Futures		46,288,038	37,736,878	22.7%	51,349,511	-9.9%	323,406,434	300,615,739	7.6%
Metals Futures		10,051,388	9,307,861	8.0%	10,349,591	-2.9%	69,717,426	60,946,749	14.4%
<b>TOTAL FUTURES</b>		<b>56,339,431</b>	<b>47,045,105</b>	<b>19.8%</b>	<b>61,699,117</b>	<b>-8.7%</b>	<b>393,124,033</b>	<b>361,564,990</b>	<b>8.7%</b>



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2017	VOLUME JUL 2016	% CHG	VOLUME JUN 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
<b>TOTAL OPTIONS GROUP</b>								
Energy Options	5,907,109	6,367,709	-7.2%	7,450,554	-20.7%	49,137,210	46,530,860	5.6%
Metals Options	949,919	745,900	27.4%	914,625	3.9%	6,569,808	6,738,712	-2.5%
<b>TOTAL OPTIONS</b>	<b>6,857,028</b>	<b>7,113,609</b>	<b>-3.6%</b>	<b>8,365,179</b>	<b>-18.0%</b>	<b>55,707,018</b>	<b>53,269,572</b>	<b>4.6%</b>
<b>TOTAL COMBINED</b>								
Commodities and Alternative Investments	5	366	-98.6%	15	-66.7%	173	2,502	-93.1%
Energy	52,195,147	44,104,587	18.3%	58,800,065	-11.2%	372,543,644	347,146,599	7.3%
Metals	11,001,307	10,053,761	9.4%	11,264,216	-2.3%	76,287,234	67,685,461	12.7%
<b>GRAND TOTAL</b>	<b>63,196,459</b>	<b>54,158,714</b>	<b>16.7%</b>	<b>70,064,296</b>	<b>-9.8%</b>	<b>448,831,051</b>	<b>414,834,562</b>	<b>8.2%</b>