



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2018	VOLUME JUL 2017	% CHG	VOLUME JUN 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	5	81	-93.8%
COFFEE	KT	0	0	0.0%	0	0.0%	0	40	-100.0%
COTTON	TT	0	0	0.0%	0	0.0%	2	15	-86.7%
SUGAR 11	YO	0	5	-100.0%	0	0.0%	58	37	56.8%
Energy Futures									
CRUDE OIL PHY	CL	23,056,226	27,618,101	-16.5%	28,577,603	-19.3%	190,852,685	174,885,389	9.1%
CRUDE OIL	WS	4,800	5,704	-15.8%	2,000	140.0%	15,139	38,983	-61.2%
MINY WTI CRUDE OIL	QM	403,151	254,223	58.6%	380,831	5.9%	2,380,009	1,815,186	31.1%
BRENT OIL LAST DAY	BZ	1,651,027	1,434,996	15.1%	2,192,103	-24.7%	12,850,241	13,779,538	-6.7%
HEATING OIL PHY	HO	3,326,215	3,601,087	-7.6%	3,738,044	-11.0%	27,549,815	24,355,136	13.1%
HTG OIL	BH	36	36	0.0%	0	0.0%	84	168	-50.0%
MINY HTG OIL	QH	4	4	0.0%	3	33.3%	22	18	22.2%
RBOB PHY	RB	3,959,402	4,065,768	-2.6%	4,174,973	-5.2%	28,869,247	29,147,747	-1.0%
MINY RBOB GAS	QU	4	3	33.3%	4	0.0%	23	31	-25.8%
NATURAL GAS	HP	74,845	119,466	-37.4%	55,580	34.7%	818,659	1,069,885	-23.5%
LTD NAT GAS	HH	264,029	254,840	3.6%	294,801	-10.4%	2,388,977	2,073,896	15.2%
MINY NATURAL GAS	QG	18,460	16,566	11.4%	18,636	-0.9%	186,022	184,590	0.8%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	120	-100.0%
NATURAL GAS PHY	NG	7,091,612	7,515,283	-5.6%	8,010,415	-11.5%	61,682,996	60,643,270	1.7%
RBOB GAS	RT	36	5,182	-99.3%	0	0.0%	14,374	15,952	-9.9%
3.5% FUEL OIL CID MED SWA	7D	0	5	-100.0%	0	0.0%	452	877	-48.5%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	95	170	-44.1%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	0.0%	0	0.0%	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
APPALACHIAN COAL (PHY)	QL	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	11,970	6,155	94.5%	24,959	-52.0%	172,101	42,760	302.5%
ARGUS PROPAN FAR EST INDE	7E	3,918	3,541	10.6%	3,472	12.8%	40,301	13,095	207.8%

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Energy Futures									
ARGUS PROPAN(SAUDI ARAMCO	9N	2,024	837	141.8%	1,335	51.6%	17,151	6,594	160.1%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	0.0%	20	0	-
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	993	-100.0%
BRENT BALMO SWAP	J9	135	190	-28.9%	0	0.0%	185	478	-61.3%
BRENT CALENDAR SWAP	CY	1,669	3,959	-57.8%	2,727	-38.8%	24,992	16,920	47.7%
BRENT CFD SWAP	6W	0	0	-	0	0.0%	300	0	-
BRENT FINANCIAL FUTURES	BB	0	835	-100.0%	2,288	-100.0%	13,264	41,011	-67.7%
BRENT FINANCIAL FUTURES	MBC	127	0	0.0%	0	-	127	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	80	-100.0%	0	0.0%	224	200	12.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	0.0%	0	0.0%	0	7,940	-100.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	15	-100.0%	0	0.0%	0	6,999	-100.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	36	534	-93.3%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	-	0	0	0.0%
CEU ENERGY	DEB	0	0	-	0	0.0%	2,076	0	-
CEU ENERGY	TTF	482	0	-	1,102	-56.3%	7,180	0	-
CEU ENERGY	UKG	6,342	0	-	9,239	-31.4%	39,376	0	-
CHICAGO ETHANOL SWAP	CU	66,953	72,594	-7.8%	82,702	-19.0%	692,236	795,301	-13.0%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	550	99	455.6%	662	-16.9%	2,534	981	158.3%
CHICAGO UNL GAS PL VS RBO	3C	125	0	0.0%	100	25.0%	750	0	0.0%
CIG BASIS	CI	0	540	-100.0%	0	0.0%	196	726	-73.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0.0%	0	720	-100.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	80,000	-100.0%	0	0.0%	0	262,680	-100.0%
CIN HUB 5MW D AH PK	H5	1,216	855	42.2%	1,604	-24.2%	8,796	13,668	-35.6%
CIN HUB 5MW REAL TIME O P	H4	0	104,240	-100.0%	0	0.0%	0	381,000	-100.0%
CIN HUB 5MW REAL TIME PK	H3	230	2,205	-89.6%	0	0.0%	230	24,975	-99.1%
COAL SWAP	ACM	30	25	20.0%	120	-75.0%	450	1,180	-61.9%
COAL SWAP	SSI	0	0	0.0%	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	999	-100.0%	0	0.0%	0	999	-100.0%
COLUMBIA GULF MAIN NAT G	L2	0	0	0.0%	0	-	0	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	1,332	-100.0%	0	0.0%	0	1,332	-100.0%

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CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	89	242	-63.2%	102	-12.7%	1,314	1,789	-26.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	209	339	-38.3%	1,632	-87.2%	2,426	5,263	-53.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	13,364	10,865	23.0%	16,808	-20.5%	110,930	61,289	81.0%
CRUDE OIL	CHB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	LPS	5,150	5,870	-12.3%	4,500	14.4%	33,955	27,401	23.9%
CRUDE OIL OUTRIGHTS	37	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	42	243	86	182.6%	412	-41.0%	1,797	3,841	-53.2%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0.0%	0	600	-100.0%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	0.0%	2,956	0	-
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	0.0%	0	30	-100.0%
CRUDE OIL OUTRIGHTS	CSW	0	420	-100.0%	0	0.0%	5	1,900	-99.7%
CRUDE OIL OUTRIGHTS	DBL	0	100	-100.0%	0	0.0%	99	1,050	-90.6%
CRUDE OIL OUTRIGHTS	FE	0	230	-100.0%	0	0.0%	0	330	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	105	110	-4.5%
CRUDE OIL OUTRIGHTS	HTT	40,225	5,740	600.8%	55,548	-27.6%	372,418	63,175	489.5%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0.0%	290	240	20.8%
CRUDE OIL OUTRIGHTS	SSW	0	360	-100.0%	0	0.0%	0	705	-100.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	-	0	0.0%	4,800	0	-
CRUDE OIL OUTRIGHTS	UNS	0	0	-	0	0.0%	7,554	0	-
CRUDE OIL OUTRIGHTS	WCC	0	615	-100.0%	0	0.0%	0	24,737	-100.0%
CRUDE OIL OUTRIGHTS	WCW	2,758	10,695	-74.2%	2,291	20.4%	53,950	29,710	81.6%
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%	2,055	0	0.0%
CRUDE OIL SPRDS	WTT	29,726	1,300	2,186.6%	38,053	-21.9%	343,516	34,139	906.2%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
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%	0	0.0%	0	1,400	-100.0%
DATED TO FRONTLINE BRENT	FY	85	2,580	-96.7%	390	-78.2%	3,135	9,600	-67.3%
DEMARCO INDEX FUTURE	DI	0	0	0.0%	0	-	0	0	0.0%
DEMARCO SWING SWAP	DT	0	0	0.0%	0	-	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	5	0	0.0%
DIESEL 10PPM BARGES FOB B	U7	0	3	-100.0%	0	0.0%	0	3	-100.0%
DLY GAS EURO-BOB OXY	GBR	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	PG	0	6,081	-100.0%	0	0.0%	126	48,516	-99.7%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	125	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	2,075	5,460	-62.0%	271	665.7%	14,027	66,799	-79.0%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0.0%	0	1,500	-100.0%
EASTERN RAIL DELIVERY CSX	QX	15	0	0.0%	45	-66.7%	245	4,215	-94.2%
EAST/WEST FUEL OIL SPREAD	EW	30	10	200.0%	0	0.0%	187	1,255	-85.1%
EIA FLAT TAX ONHWAY DIESE	A5	31	674	-95.4%	572	-94.6%	1,480	6,118	-75.8%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	0.0%	0	0	-
ELEC ERCOT DLY OFF PK	R4	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I3	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%
ELEC ERCOT DLY PEAK	R1	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	-	0	0.0%	19,600	0	-
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	0.0%	0	3,825	-100.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	70,200	-100.0%
ELEC NYISO OFF-PEAK	58	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	0	690	-100.0%	0	0.0%	0	690	-100.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	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%	0	0	0.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	0.0%	0	1,540	-100.0%

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Energy Futures									
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	0.0%	440	-100.0%	1,950	1,680	16.1%
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%	19,600	14,720	33.2%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	440	-100.0%	5,050	2,510	101.2%
ETHANOL SWAP	MT2	120	0	-	90	33.3%	250	0	-
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,339	3,372	-30.6%	2,587	-9.6%	20,610	27,525	-25.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	3	-100.0%	23	18	27.8%
EURO 3.5% FUEL OIL RDAM B	KR	701	141	397.2%	694	1.0%	4,710	3,391	38.9%
EURO 3.5% FUEL OIL SPREAD	FK	17	680	-97.5%	130	-86.9%	709	3,963	-82.1%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	1,340	-100.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	5	-100.0%	370	278	33.1%
EUROPE 1% FUEL OIL NWE CA	UF	48	0	0.0%	0	0.0%	366	663	-44.8%
EUROPE 1% FUEL OIL RDAM C	UH	0	10	-100.0%	0	0.0%	3	36	-91.7%
EUROPE 3.5% FUEL OIL MED	UI	2	5	-60.0%	0	0.0%	673	1,164	-42.2%
EUROPE 3.5% FUEL OIL RDAM	UV	7,697	3,379	127.8%	9,436	-18.4%	64,334	57,518	11.9%
EUROPEAN GASOIL (ICE)	7F	318	3,401	-90.6%	551	-42.3%	3,317	23,621	-86.0%
EUROPEAN NAPHTHA BALMO	KZ	410	260	57.7%	289	41.9%	2,012	2,739	-26.5%
EUROPEAN NAPHTHA CRACK SPR	EN	7,925	7,013	13.0%	9,397	-15.7%	63,590	50,830	25.1%
EUROPE DATED BRENT SWAP	UB	0	1,400	-100.0%	0	0.0%	0	1,816	-100.0%
EUROPE JET KERO NWE CALSW	UJ	6	0	0.0%	0	0.0%	21	60	-65.0%
EUROPE NAPHTHA CALSWAP	UN	4,080	3,380	20.7%	3,267	24.9%	23,529	19,958	17.9%
EURO PROPANE CIF ARA SWA	PS	1,189	810	46.8%	1,386	-14.2%	12,517	7,963	57.2%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	0.0%	0	-	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLP	177	180	-1.7%	42	321.4%	785	881	-10.9%
FREIGHT MARKETS	FRC	0	0	-	5	-100.0%	540	0	-
FREIGHT MARKETS	FRS	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	T2D	330	0	-	280	17.9%	1,938	0	-
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	240	0	-
FREIGHT MARKETS	TD3	30	0	-	0	-	30	0	-
FUEL OIL CRACK VS ICE	FO	2,312	1,527	51.4%	4,411	-47.6%	30,447	31,586	-3.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	171	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	154	0	0.0%

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Energy Futures									
FUEL OIL (PLATS) CAR CN	1X	48	0	0.0%	0	0.0%	120	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	203	295	-31.2%	89	128.1%	1,713	2,386	-28.2%
GAS EURO-BOB OXY NWE BARGES	7H	7,209	5,446	32.4%	8,708	-17.2%	55,668	50,137	11.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,153	14,159	-7.1%	16,154	-18.6%	139,577	132,432	5.4%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	10	50	-80.0%
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%	0	20	-100.0%
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	5	150	-96.7%
GASOIL 0.1 ROTTERDAM BARG	VL	95	0	0.0%	185	-48.6%	1,255	80	1,468.8%
GASOIL 10P CRG CIF NW VS	3V	0	25	-100.0%	0	0.0%	0	25	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	72	-100.0%	0	0.0%	12	532	-97.7%
GASOIL BULLET SWAP	BG	0	0	0.0%	0	0.0%	0	30	-100.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	12	-100.0%	48	241	-80.1%
GASOIL CRACK SPREAD CALEN	GZ	1,524	5,308	-71.3%	3,038	-49.8%	32,720	55,883	-41.4%
GASOIL MINI CALENDAR SWAP	QA	384	23	1,569.6%	219	75.3%	1,270	1,003	26.6%
GASOLINE UP-DOWN BALMO SW	1K	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	125	-100.0%	30	-100.0%	185	125	48.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	0.0%	425	0	-
GRP THREE ULSD(PLT)VS HEA	A6	2,060	5,461	-62.3%	3,639	-43.4%	24,838	21,210	17.1%
GRP THREE UNL GS (PLT) VS	A8	2,160	425	408.2%	970	122.7%	13,792	3,654	277.4%
GULF COAST 3% FUEL OIL BA	VZ	1,846	915	101.7%	969	90.5%	10,485	9,111	15.1%
GULF COAST GASOLINE CLNDR	GS	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET FUEL CLNDR	GE	60	355	-83.1%	174	-65.5%	915	901	1.6%
GULF COAST JET VS NYM 2 H	ME	27,628	34,721	-20.4%	27,568	0.2%	271,668	302,818	-10.3%
GULF COAST NO.6 FUEL OIL	MF	47,665	40,385	18.0%	62,683	-24.0%	426,001	375,106	13.6%
GULF COAST NO.6 FUEL OIL	MG	835	495	68.7%	2,505	-66.7%	14,343	9,915	44.7%
GULF COAST ULSD CALENDAR	LY	98	532	-81.6%	719	-86.4%	1,810	4,000	-54.7%
GULF COAST ULSD CRACK SPR	GY	0	1,700	-100.0%	0	0.0%	1,295	3,870	-66.5%
HEATING OIL BALMO CLNDR S	1G	0	100	-100.0%	167	-100.0%	223	830	-73.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	2,720	-100.0%	1,240	-100.0%	7,432	51,020	-85.4%

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Energy Futures									
HENRY HUB FINANCIAL LAST	NBP	3,975	59	6,637.3%	4,404	-9.7%	18,046	59	30,486.4%
HENRY HUB FINANCIAL LAST	TTE	69	92	-25.0%	18	283.3%	777	92	744.6%
HENRY HUB INDEX SWAP FUTU	IN	0	2,108	-100.0%	1,240	-100.0%	7,432	48,830	-84.8%
HENRY HUB SWAP	NN	202,461	246,115	-17.7%	150,203	34.8%	1,212,075	1,199,977	1.0%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	-	0	0	0.0%
HOUSTON SHIP CHANNEL BASI	NH	0	1,713	-100.0%	0	0.0%	0	3,777	-100.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	-	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	719	-100.0%	0	0.0%	0	719	-100.0%
ICE BRENT DUBAI SWAP	DB	7,850	400	1,862.5%	5,310	47.8%	71,498	69,463	2.9%
ICE GASOIL BALMO SWAP	U9	0	9	-100.0%	0	0.0%	0	9	-100.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0.0%	0	2,850	-100.0%
INDIANA MISO	FAD	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%	0	0	0.0%
INDIANA MISO	PDM	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%
INDONESIAN COAL	MCC	0	0	0.0%	0	0.0%	0	5	-100.0%
INDONESIAN COAL ICI4	ICI	240	0	-	125	92.0%	775	0	-
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%	0	10	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	72	-100.0%	0	0.0%	1,689	3,885	-56.5%
JAPAN C&F NAPHTHA SWAP	JA	2,037	894	127.9%	2,328	-12.5%	14,993	11,505	30.3%
JAPAN NAPHTHA BALMO SWAP	E6	185	90	105.6%	23	704.3%	401	1,314	-69.5%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	5	12	-58.3%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	138	129	7.0%	0	0.0%	630	824	-23.5%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	0.0%	0	5	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	42	-100.0%	0	0.0%	0	62	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	3,420	5,056	-32.4%	4,763	-28.2%	42,257	51,172	-17.4%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	775	150	416.7%	300	158.3%	2,525	1,220	107.0%
LA CARBOB GASOLINE(OPIS)S	JL	150	0	0.0%	0	0.0%	4,075	1,550	162.9%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0.0%	0	25	-100.0%
LA JET (OPIS) SWAP	JS	1,115	1,035	7.7%	3,260	-65.8%	16,255	12,120	34.1%

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Energy Futures									
LLS (ARGUS) VS WTI SWAP	WJ	2,530	2,438	3.8%	5,395	-53.1%	44,420	25,003	77.7%
MARS (ARGUS) VS WTI SWAP	YX	150	5,830	-97.4%	1,505	-90.0%	18,700	21,851	-14.4%
MARS (ARGUS) VS WTI TRD M	YV	6,165	12,545	-50.9%	23,259	-73.5%	171,635	134,129	28.0%
MARS BLEND CRUDE OIL	MB	200	0	0.0%	0	0.0%	2,319	11,228	-79.3%
MCCLOSKEY ARA ARGS COAL	MTF	21,320	36,344	-41.3%	24,316	-12.3%	174,028	353,303	-50.7%
MCCLOSKEY RCH BAY COAL	MFF	3,013	3,151	-4.4%	3,430	-12.2%	23,877	39,815	-40.0%
MGF FUT	MGF	0	0	0.0%	0	0.0%	130	197	-34.0%
MGN1 SWAP FUT	MGN	30	180	-83.3%	40	-25.0%	533	934	-42.9%
MICHCON NG INDEX SWAP	Y8	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	2,592	-100.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	0.0%	0	59,040	-100.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	3,195	-100.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	552	624	-11.5%	431	28.1%	2,686	3,796	-29.2%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	851	402	111.7%	446	90.8%	2,660	2,947	-9.7%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,614	3,372	-52.1%	2,030	-20.5%	11,459	18,151	-36.9%
MJC FUT	MJC	50	35	42.9%	105	-52.4%	1,245	705	76.6%
MNC FUT	MNC	3,792	3,857	-1.7%	3,602	5.3%	26,217	31,119	-15.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	11,511	12,293	-6.4%	15,342	-25.0%	105,489	174,101	-39.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	300	0	0.0%	80	275.0%	1,160	2,272	-48.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	93,989	72,188	30.2%	93,321	0.7%	852,220	615,406	38.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,472	1,495	65.4%	2,053	20.4%	20,626	12,805	61.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	4,528	3,408	32.9%	7,232	-37.4%	58,803	29,966	96.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	215	145	48.3%	500	-57.0%	2,844	1,783	59.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	39,530	23,552	67.8%	32,425	21.9%	225,797	195,635	15.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,284	294	676.9%	712	220.8%	7,496	5,281	41.9%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	1,737	-100.0%
NATURAL GAS	HBI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	0.0%	0	44	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	360	-100.0%	0	0.0%	0	360	-100.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	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%
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	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%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0.0%	0	656	-100.0%
NATURAL GAS PEN SWP	NP	21,360	63,075	-66.1%	14,737	44.9%	249,706	633,057	-60.6%

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Energy Futures									
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	9,344	-100.0%	79,520	221,100	-64.0%
NEPOOL INTR HUB 5MW D AH	U6	0	690	-100.0%	514	-100.0%	4,376	15,670	-72.1%
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	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	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%
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%
NEPOOL SE MASS 5MW D AH P	P4	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	0	0.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	450	900	-50.0%	505	-10.9%	9,636	4,610	109.0%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	1,200	-100.0%	0	0.0%	400	2,344	-82.9%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	-	0	0	0.0%
NGPL MIDCONTINENT SWING S	PX	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	0	3,088	-100.0%	0	0.0%	22,836	5,856	290.0%
NGPL TEXOK INDEX	OI	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	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	95	0	0.0%	145	-34.5%	2,158	3,560	-39.4%
NORTHERN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	100	84	19.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	1,738	-100.0%	0	0.0%	0	3,088	-100.0%
N ROCKIES PIPE SWAP	XR	0	334	-100.0%	0	0.0%	0	334	-100.0%
NY1% VS GC SPREAD SWAP	VR	1,918	2,754	-30.4%	3,064	-37.4%	12,558	17,141	-26.7%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0.0%	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	200	25	700.0%	0	0.0%	1,200	3,110	-61.4%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	1,999	4,456	-55.1%	860	132.4%	10,415	18,790	-44.6%

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Energy Futures									
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	45	-100.0%	2,695	4,048	-33.4%
NY HARBOR RESIDUAL FUEL 1	MM	887	1,341	-33.9%	1,065	-16.7%	8,175	17,886	-54.3%
NYH NO 2 CRACK SPREAD CAL	HK	360	1,670	-78.4%	615	-41.5%	7,307	11,080	-34.1%
NY H OIL PLATTS VS NYMEX	YH	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	78	60	30.0%	4	1,850.0%	246	267	-7.9%
NYISO CAPACITY	NNC	58	44	31.8%	0	0.0%	465	1,514	-69.3%
NYISO CAPACITY	NRS	18	180	-90.0%	0	0.0%	215	1,444	-85.1%
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	0	0.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	23,400	-100.0%	0	0.0%	0	32,760	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0.0%	0	6,815	-100.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	0	0	0.0%	0	0.0%	0	110	-100.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	27,200	-100.0%	578,534	648,480	-10.8%
NYISO ZONE G 5MW D AH PK	T3	0	3,240	-100.0%	1,510	-100.0%	18,284	47,955	-61.9%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0.0%	0	226,600	-100.0%
NYISO ZONE J 5MW D AH PK	D3	0	2,550	-100.0%	0	0.0%	0	22,295	-100.0%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	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	79	29	172.4%	0	0.0%	213	7,720	-97.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	60	-100.0%	0	0.0%	10	485	-97.9%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	650	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	3,012	-100.0%	0	0.0%	275	3,060	-91.0%
PANHANDLE INDEX SWAP FUTU	IV	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0.0%	0	864	-100.0%
PERMIAN BASIS SWAP	PM	0	795	-100.0%	0	0.0%	0	1,009	-100.0%
PETROCHEMICALS	22	176	50	252.0%	79	122.8%	1,116	500	123.2%
PETROCHEMICALS	32	64	67	-4.5%	78	-17.9%	1,175	778	51.0%

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Energy Futures									
PETROCHEMICALS	51	0	-	0	0.0%	23	0	-	
PETROCHEMICALS	8I	602	406	48.3%	143	321.0%	5,640	4,275	31.9%
PETROCHEMICALS	91	222	203	9.4%	182	22.0%	2,944	1,489	97.7%
PETROCHEMICALS	HPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	JKM	2,065	0	-	975	111.8%	7,010	0	-
PETROCHEMICALS	LPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAA	0	0	-	0	0.0%	50	0	-
PETROCHEMICALS	MAC	0	0	0.0%	0	0.0%	0	50	-100.0%
PETROCHEMICALS	MAE	298	40	645.0%	100	198.0%	1,378	70	1,868.6%
PETROCHEMICALS	MAS	110	30	266.7%	116	-5.2%	761	185	311.4%
PETROCHEMICALS	MBE	470	1,900	-75.3%	930	-49.5%	5,700	8,725	-34.7%
PETROCHEMICALS	MNB	1,454	2,279	-36.2%	2,345	-38.0%	15,280	10,969	39.3%
PETROCHEMICALS	MPS	90	0	0.0%	220	-59.1%	770	10	7,600.0%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	0.0%	0	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	0	142	-100.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	100	264	-62.1%
PETRO CRCKS & SPRDS ASIA	STS	10	420	-97.6%	90	-88.9%	509	1,310	-61.1%
PETRO CRCKS & SPRDS NA	CRB	2,090	260	703.8%	5,525	-62.2%	9,220	1,055	773.9%
PETRO CRCKS & SPRDS NA	EXR	2,247	1,937	16.0%	3,509	-36.0%	20,730	18,180	14.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	850	-100.0%	5,375	5,703	-5.8%
PETRO CRCKS & SPRDS NA	GBB	1,570	985	59.4%	1,345	16.7%	8,735	5,670	54.1%
PETRO CRCKS & SPRDS NA	GCC	150	0	0.0%	300	-50.0%	1,740	800	117.5%
PETRO CRCKS & SPRDS NA	GCI	1,524	752	102.7%	1,418	7.5%	10,364	8,987	15.3%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	142	42	238.1%
PETRO CRCKS & SPRDS NA	GCU	8,318	2,919	185.0%	18,743	-55.6%	93,784	44,303	111.7%
PETRO CRCKS & SPRDS NA	GFC	15	0	0.0%	0	0.0%	40	535	-92.5%
PETRO CRCKS & SPRDS NA	HOB	60	7,770	-99.2%	705	-91.5%	6,941	24,749	-72.0%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	50	109	-54.1%
PETRO CRCKS & SPRDS NA	NYF	0	300	-100.0%	0	0.0%	0	1,125	-100.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	3,616	6,860	-47.3%	6,498	-44.4%	38,419	61,132	-37.2%
PETRO CRCKS & SPRDS NA	RVG	12,057	15,645	-22.9%	19,380	-37.8%	123,897	109,127	13.5%
PETRO CRCKS & SPRDS NA	SF3	33	0	0.0%	21	57.1%	321	15	2,040.0%
PETRO CRK&SPRD EURO	1NB	2,134	1,297	64.5%	1,405	51.9%	13,498	9,340	44.5%

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Energy Futures									
PETRO CRK&SPRD EURO	1ND	0	0	-	0	0.0%	100	0	-
PETRO CRK&SPRD EURO	43	435	224	94.2%	354	22.9%	2,768	1,743	58.8%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	1,217	1,113	9.3%	1,759	-30.8%	13,320	15,079	-11.7%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	0.0%	0	0	-
PETRO CRK&SPRD EURO	EGN	0	18	-100.0%	0	0.0%	0	18	-100.0%
PETRO CRK&SPRD EURO	EOB	9	11	-18.2%	5	80.0%	188	90	108.9%
PETRO CRK&SPRD EURO	EPN	708	348	103.4%	766	-7.6%	6,676	2,753	142.5%
PETRO CRK&SPRD EURO	EVC	2,249	1,368	64.4%	2,740	-17.9%	16,461	18,774	-12.3%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	150	-100.0%	680	739	-8.0%
PETRO CRK&SPRD EURO	GOC	0	25	-100.0%	0	0.0%	84	90	-6.7%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	80	70	14.3%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	30	-100.0%	163	719	-77.3%
PETRO CRK&SPRD EURO	NBB	10	5	100.0%	20	-50.0%	132	114	15.8%
PETRO CRK&SPRD EURO	NOB	1,488	804	85.1%	1,185	25.6%	11,545	7,130	61.9%
PETRO CRK&SPRD EURO	SFB	15	0	0.0%	80	-81.3%	125	155	-19.4%
PETROLEUM PRODUCTS	D46	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	3,952	934	323.1%	2,681	47.4%	31,318	17,658	77.4%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0.0%	0	80	-100.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	0.0%	0	20	-100.0%
PETROLEUM PRODUCTS	MHE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	30	20	50.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	100	-100.0%
PETROLEUM PRODUCTS	VU	116	233	-50.2%	75	54.7%	1,044	1,644	-36.5%
PETROLEUM PRODUCTS ASIA	E6M	150	30	400.0%	20	650.0%	564	152	271.1%
PETROLEUM PRODUCTS ASIA	MJN	1,308	2,524	-48.2%	1,335	-2.0%	13,889	14,707	-5.6%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	25	-100.0%
PETRO OUTRIGHT EURO	0B	20	20	0.0%	14	42.9%	84	83	1.2%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0D	1,187	2,357	-49.6%	1,863	-36.3%	9,745	17,649	-44.8%
PETRO OUTRIGHT EURO	0E	30	395	-92.4%	16	87.5%	195	3,825	-94.9%
PETRO OUTRIGHT EURO	0F	353	949	-62.8%	573	-38.4%	4,089	8,860	-53.8%
PETRO OUTRIGHT EURO	1T	6	0	0.0%	0	0.0%	21	60	-65.0%

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Energy Futures									
PETRO OUTFRIGHT EURO	33	0	0.0%	0	0.0%	0	80	-100.0%	
PETRO OUTFRIGHT EURO	5L	10	0.0%	70	-85.7%	214	491	-56.4%	
PETRO OUTFRIGHT EURO	63	25	35	-28.6%	35	-28.6%	167	497	-66.4%
PETRO OUTFRIGHT EURO	6L	0	0	0.0%	0	0.0%	0	2	-100.0%
PETRO OUTFRIGHT EURO	71	120	245	-51.0%	0	0.0%	582	875	-33.5%
PETRO OUTFRIGHT EURO	7R	236	311	-24.1%	296	-20.3%	2,142	1,851	15.7%
PETRO OUTFRIGHT EURO	88	0	5	-100.0%	10	-100.0%	105	5	2,000.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	55	42	31.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	CPB	10	44	-77.3%	16	-37.5%	3,009	2,039	47.6%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	0.0%	101	280	-63.9%
PETRO OUTFRIGHT EURO	EFM	0	102	-100.0%	0	0.0%	0	428	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	40	-100.0%	0	0.0%	65	130	-50.0%
PETRO OUTFRIGHT EURO	ESB	0	63	-100.0%	0	0.0%	0	69	-100.0%
PETRO OUTFRIGHT EURO	EWN	665	604	10.1%	741	-10.3%	4,847	5,092	-4.8%
PETRO OUTFRIGHT EURO	FBD	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	MBB	10	100	-90.0%	0	0.0%	171	480	-64.4%
PETRO OUTFRIGHT EURO	MBN	250	1,730	-85.5%	1,128	-77.8%	7,969	7,277	9.5%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	328	40	720.0%
PETRO OUTFRIGHT EURO	T0	0	54	-100.0%	0	0.0%	9	164	-94.5%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	375	-100.0%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	980	150	553.3%
PETRO OUTFRIGHT EURO	W0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	X0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	57	496	-88.5%	0	0.0%	560	1,350	-58.5%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTFRIGHT NA	GBA	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	GUD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	69	420	-83.6%
PETRO OUTFRIGHT NA	JET	1,650	2,440	-32.4%	1,750	-5.7%	14,880	26,039	-42.9%
PETRO OUTFRIGHT NA	JTB	625	650	-3.8%	625	0.0%	3,710	950	290.5%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	0	0.0%	40	161	-75.2%
PETRO OUTFRIGHT NA	MEN	517	305	69.5%	922	-43.9%	2,933	4,369	-32.9%
PETRO OUTFRIGHT NA	MEO	3,618	7,353	-50.8%	3,820	-5.3%	27,560	71,345	-61.4%
PETRO OUTFRIGHT NA	MFD	0	13	-100.0%	0	0.0%	100	203	-50.7%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	0	0.0%	55	426	-87.1%

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Energy Futures									
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0.0%	0	625	-100.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	9,344	-100.0%	0	0.0%	28,032	273,469	-89.7%
PJM AD HUB 5MW REAL TIME	Z9	5,140	511	905.9%	0	0.0%	12,653	19,441	-34.9%
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%	0	46,800	-100.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0.0%	0	2,550	-100.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	0.0%	0	85,390	-100.0%
PJM COMED 5MW D AH PK	D8	0	0	0.0%	0	0.0%	0	4,675	-100.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	0.0%	0	211,995	-100.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0.0%	0	5,250	-100.0%
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	0	1,905	-100.0%	0	0.0%	5,100	77,840	-93.4%
PJM NI HUB 5MW REAL TIME	B6	0	32,760	-100.0%	0	0.0%	0	1,664,500	-100.0%
PJM NILL DA OFF-PEAK	L3	0	23,400	-100.0%	0	0.0%	0	685,367	-100.0%
PJM NILL DA PEAK	N3	0	1,275	-100.0%	0	0.0%	22	39,026	-99.9%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	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	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	78,410	7,500	945.5%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	4,250	6,070	-30.0%
PJM WESTH RT OFF-PEAK	N9	0	56,840	-100.0%	23,200	-100.0%	294,000	1,846,225	-84.1%
PJM WESTH RT PEAK	L1	3,830	15,947	-76.0%	3,180	20.4%	43,179	178,376	-75.8%
PLASTICS	PGP	90	437	-79.4%	522	-82.8%	2,544	3,815	-33.3%
PREMIUM UNLND 10P FOB MED	3G	326	32	918.8%	95	243.2%	1,859	408	355.6%

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Energy Futures									
PREMIUM UNLEAD 10PPM FOB	8G	31	32	-3.1%	75	-58.7%	355	152	133.6%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	80	7	1,042.9%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	6	0	0.0%	0	0.0%	70	37	89.2%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	510	100	410.0%	525	-2.9%	3,691	3,907	-5.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	8,600	2,363	263.9%	11,589	-25.8%	81,132	49,813	62.9%
RBOB CALENDAR SWAP	RL	10,131	7,325	38.3%	7,611	33.1%	39,992	48,710	-17.9%
RBOB CRACK SPREAD	RM	960	485	97.9%	1,015	-5.4%	9,153	2,564	257.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	374	785	-52.4%	1,005	-62.8%	8,167	5,521	47.9%
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	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	0.0%
RBOB VS HEATING OIL SWAP	RH	0	2,380	-100.0%	825	-100.0%	1,975	14,850	-86.7%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN BASIS SWAP	NJ	27	2,040	-98.7%	0	0.0%	58	2,254	-97.4%
SAN JUAN PIPE SWAP	XX	0	0	-	0	0.0%	360	0	-
SINGAPORE 180CST BALMO	BS	55	50	10.0%	40	37.5%	390	422	-7.6%
SINGAPORE 380CST BALMO	BT	323	146	121.2%	215	50.2%	1,526	1,390	9.8%
SINGAPORE 380CST FUEL OIL	SE	7,996	6,317	26.6%	13,453	-40.6%	61,763	75,963	-18.7%
SINGAPORE FUEL 180CST CAL	UA	812	963	-15.7%	680	19.4%	6,654	7,955	-16.4%
SINGAPORE FUEL OIL SPREAD	SD	140	763	-81.7%	413	-66.1%	5,451	5,609	-2.8%
SINGAPORE GASOIL	MTB	46	270	-83.0%	21	119.0%	425	1,073	-60.4%
SINGAPORE GASOIL	MTS	4,697	4,294	9.4%	4,507	4.2%	33,982	33,037	2.9%
SINGAPORE GASOIL	STL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	4,300	800	437.5%
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	0.0%	50	0	-
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	0.0%	250	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	0.0%	0	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	0.0%	200	0	-
SINGAPORE GASOIL CALENDAR	MSG	0	163	-100.0%	100	-100.0%	4,199	2,111	98.9%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	0.0%	325	0	-
SINGAPORE GASOIL SWAP	SG	2,400	9,669	-75.2%	4,220	-43.1%	29,103	71,602	-59.4%
SINGAPORE GASOIL VS ICE	GA	8,381	3,455	142.6%	6,325	32.5%	101,441	61,369	65.3%
SINGAPORE JET KERO BALMO	BX	0	100	-100.0%	50	-100.0%	215	536	-59.9%
SINGAPORE JET KERO GASOIL	RK	4,000	1,565	155.6%	2,325	72.0%	28,845	15,095	91.1%

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Energy Futures									
SINGAPORE JET KEROSENE SW	KS	75	3,295	-97.7%	1,595	-95.3%	7,065	10,244	-31.0%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	25	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	620	57	987.7%	250	148.0%	3,183	1,240	156.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	11,300	6,378	77.2%	17,956	-37.1%	101,540	55,800	82.0%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	0.0%	200	0	-
SING FUEL	MSD	15	0	0.0%	15	0.0%	95	40	137.5%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0.0%	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	-	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	550	-100.0%	0	0.0%	91	6,238	-98.5%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	306	-100.0%	0	0.0%	0	306	-100.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	-	0	0.0%	548	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	240	0	0.0%
TCO BASIS SWAP	TC	0	824	-100.0%	0	0.0%	0	8,226	-100.0%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	1,650	0	-	2,060	-19.9%	6,620	0	-
TENN 800 LEG NAT GAS INDE	L4	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0.0%	0	428	-100.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	0.0%	0	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	0.0%	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	453	-100.0%	0	0.0%	0	8,000	-100.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	0	302	-100.0%
TRANSCO ZONE 3 NG INDEX S	Y6	0	0	0.0%	0	0.0%	0	6,256	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	5,520	-100.0%	0	0.0%	0	12,619	-100.0%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	0.0%	0	0.0%	0	465	-100.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0.0%	0	2,870	-100.0%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0.0%	0	856	-100.0%
UCM FUT	UCM	10	47	-78.7%	0	0.0%	60	245	-75.5%
ULSD 10PPM CIF MED BALMO	X7	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	0.0%	0	30	-100.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0.0%	14	66	-78.8%

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Energy Futures									
ULSD 10PPM CIF NW BALMO S	B1	0	6	-100.0%	0	0.0%	0	6	-100.0%
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	4,080	2,575	58.4%	4,405	-7.4%	35,525	24,950	42.4%
UP DOWN GC ULSD VS NMX HO	LT	24,917	40,618	-38.7%	24,594	1.3%	220,657	304,721	-27.6%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	-	0	0	0.0%
WAHA BASIS	NW	0	1,220	-100.0%	0	0.0%	3,201	3,052	4.9%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0.0%	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	10	0	0.0%	0	0.0%	25	2,220	-98.9%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	350	-100.0%	6,650	404	1,546.0%
WTI-BRENT CALENDAR SWAP	BK	24,687	18,140	36.1%	20,630	19.7%	236,514	64,352	267.5%
WTI CALENDAR	CS	23,613	30,979	-23.8%	22,480	5.0%	228,619	236,162	-3.2%
WTS (ARGUS) VS WTI SWAP	FF	6,662	3,480	91.4%	7,997	-16.7%	54,919	25,374	116.4%
WTS (ARGUS) VS WTI TRD MT	FH	1,620	1,024	58.2%	588	175.5%	3,570	3,944	-9.5%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	0.0%	0	230	-100.0%
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	-	0	0.0%	3,000	0	-
BRENT CALENDAR SWAP	BA	440	1,875	-76.5%	2,765	-84.1%	4,745	5,297	-10.4%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	0.0%	2,000	0	-
BRENT CRUDE OIL 1 M CSO	9C	2,800	0	-	55,164	-94.9%	374,338	0	-
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	0.0%	1,000	0	-
BRENT OIL LAST DAY	BE	73,346	8,345	778.9%	33,019	122.1%	248,409	24,295	922.5%
BRENT OIL LAST DAY	BZO	176,722	37,305	373.7%	151,596	16.6%	920,927	179,274	413.7%
BRENT OIL LAST DAY	OS	0	0	0.0%	50	-100.0%	1,090	3,144	-65.3%
COAL API2 INDEX	CLA	680	955	-28.8%	370	83.8%	4,905	8,021	-38.8%
COAL API2 INDEX	CQA	425	0	0.0%	875	-51.4%	3,305	610	441.8%
COAL API2 INDEX	MTC	0	0	0.0%	0	0.0%	0	50	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	25	0	0.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	60	0	0.0%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	0	140	-100.0%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	0	85	-100.0%
CRUDE OIL 1MO	WA	240,900	182,275	32.2%	312,400	-22.9%	1,603,010	1,237,848	29.5%
CRUDE OIL APO	AO	13,742	56,517	-75.7%	30,612	-55.1%	339,765	257,543	31.9%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	0.0%	170	0	-



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Energy Options									
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	0.0%	0	0	-
CRUDE OIL PHY	CD	175	2,405	-92.7%	325	-46.2%	17,800	14,665	21.4%
CRUDE OIL PHY	LC	1,799	10,570	-83.0%	2,260	-20.4%	67,154	205,522	-67.3%
CRUDE OIL PHY	LO	3,041,132	3,422,908	-11.2%	3,341,229	-9.0%	25,235,556	27,647,904	-8.7%
CRUDE OIL PHY	LO1	16,623	17,212	-3.4%	7,455	123.0%	97,148	89,014	9.1%
CRUDE OIL PHY	LO2	15,483	13,502	14.7%	12,913	19.9%	107,341	79,700	34.7%
CRUDE OIL PHY	LO3	13,568	11,336	19.7%	281	4,728.5%	70,644	59,944	17.8%
CRUDE OIL PHY	LO4	12,220	22,170	-44.9%	14,075	-13.2%	106,794	114,322	-6.6%
CRUDE OIL PHY	LO5	0	0	0.0%	21,575	-100.0%	34,914	34,788	0.4%
ELEC FINSETTLED	PML	0	0	0.0%	0	-	0	0	0.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0.0%	0	820	-100.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	275	75	266.7%
ETHANOL	CE3	0	0	0.0%	0	0.0%	150	300	-50.0%
ETHANOL SWAP	CVR	3,470	4,365	-20.5%	8,883	-60.9%	54,505	35,802	52.2%
ETHANOL SWAP	GVR	120	465	-74.2%	300	-60.0%	2,193	1,385	58.3%
EURO-DENOMINATED PETRO PROD	NWE	0	0	0.0%	0	-	0	0	0.0%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	0.0%	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL CRACK OPTIONS	CH	0	0	0.0%	0	0.0%	0	100	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	LB	10	52	-80.8%	120	-91.7%	750	1,568	-52.2%
HEATING OIL PHY	OH	28,188	23,467	20.1%	27,096	4.0%	215,709	224,046	-3.7%
HENRY HUB FINANCIAL LAST	E7	6,477	3,136	106.5%	2,912	122.4%	27,248	25,360	7.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	0	1,300	-100.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	100	5,100	-98.0%
LLS CRUDE OIL	YVO	0	0	-	0	0.0%	0	0	-
MCCLOSKEY ARA ARGCS COAL	MTO	0	0	0.0%	30	-100.0%	255	1,290	-80.2%
MCCLOSKEY RCH BAY COAL	MFO	30	0	0.0%	0	0.0%	1,905	0	0.0%
NATURAL GAS	G10	0	0	0.0%	0	0.0%	0	450	-100.0%
NATURAL GAS 1 M CSO FIN	G4	18,037	9,695	86.0%	14,703	22.7%	255,682	283,820	-9.9%
NATURAL GAS 2 M CSO FIN	G2	200	0	0.0%	1,000	-80.0%	1,200	3,550	-66.2%
NATURAL GAS 3 M CSO FIN	G3	3,150	7,625	-58.7%	5,450	-42.2%	38,046	80,425	-52.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	2,550	4,050	-37.0%

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Energy Options									
NATURAL GAS 6 M CSO FIN	G6	1,600	2,250	-28.9%	2,000	-20.0%	69,250	36,820	88.1%
NATURAL GAS OPTION ON CALENDAR STRP	6J	1,800	1,440	25.0%	200	800.0%	21,308	6,938	207.1%
NATURAL GAS PHY	KD	10,749	36,057	-70.2%	23,660	-54.6%	149,580	237,168	-36.9%
NATURAL GAS PHY	LN	1,180,551	1,777,239	-33.6%	1,100,939	7.2%	12,140,881	15,848,818	-23.4%
NATURAL GAS PHY	ON	136,509	177,475	-23.1%	165,614	-17.6%	1,207,340	1,421,366	-15.1%
NATURAL GAS PHY	ON1	0	0	0.0%	0	-	0	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	112	360	-68.9%	224	-50.0%	1,072	2,856	-62.5%
NY HARBOR HEAT OIL SWP	AT	1,001	4,308	-76.8%	1,549	-35.4%	18,188	25,148	-27.7%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	0	19,830	-100.0%
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%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	2,880	-100.0%
PETROCHEMICALS	4H	475	555	-14.4%	325	46.2%	3,641	3,374	7.9%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	1,350	2,450	-44.9%
PETROCHEMICALS	4K	1,900	200	850.0%	200	850.0%	2,100	200	950.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	18	-100.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTRIGHT NA	DAP	0	0	-	0	0.0%	0	0	-
PJM MONTHLY	JO	0	0	0.0%	0	-	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	530	-100.0%	60	-100.0%	310	3,550	-91.3%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	880	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	92	492	-81.3%	983	-90.6%	6,414	12,085	-46.9%
RBOB 1MO CAL SPD OPTIONS	ZA	0	1,458	-100.0%	200	-100.0%	700	2,008	-65.1%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0.0%	965	2,135	-54.8%
RBOB PHY	OB	8,850	24,404	-63.7%	14,398	-38.5%	83,487	178,848	-53.3%
RBOB PHY	RF	0	0	0.0%	0	0.0%	125	85	47.1%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	336	180	86.7%	186	80.6%	1,758	1,980	-11.2%
SHORT TERM	U11	210	840	-75.0%	75	180.0%	1,236	3,290	-62.4%
SHORT TERM	U12	250	90	177.8%	50	400.0%	835	3,679	-77.3%
SHORT TERM	U13	0	420	-100.0%	0	0.0%	100	2,085	-95.2%
SHORT TERM	U14	0	415	-100.0%	75	-100.0%	813	1,705	-52.3%
SHORT TERM	U15	0	0	0.0%	500	-100.0%	777	3,585	-78.3%
SHORT TERM	U22	0	0	0.0%	130	-100.0%	1,191	1,577	-24.5%
SHORT TERM	U23	15	0	0.0%	0	0.0%	595	1,022	-41.8%

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Energy Options									
SHORT TERM	U24	0	250	-100.0%	0	0.0%	426	1,970	-78.4%
SHORT TERM	U25	0	200	-100.0%	102	-100.0%	102	300	-66.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	300	292	2.7%
SHORT TERM NATURAL GAS	U01	0	250	-100.0%	0	0.0%	350	2,290	-84.7%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	270	-100.0%	1,445	2,425	-40.4%
SHORT TERM NATURAL GAS	U03	570	0	0.0%	0	0.0%	1,325	2,120	-37.5%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	575	-100.0%	950	730	30.1%
SHORT TERM NATURAL GAS	U05	0	600	-100.0%	105	-100.0%	810	3,225	-74.9%
SHORT TERM NATURAL GAS	U06	225	460	-51.1%	200	12.5%	875	5,625	-84.4%
SHORT TERM NATURAL GAS	U07	0	670	-100.0%	1,051	-100.0%	1,601	2,935	-45.5%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	1,375	3,385	-59.4%
SHORT TERM NATURAL GAS	U09	800	0	0.0%	0	0.0%	1,534	2,700	-43.2%
SHORT TERM NATURAL GAS	U10	250	1,130	-77.9%	0	0.0%	950	4,887	-80.6%
SHORT TERM NATURAL GAS	U16	103	0	0.0%	0	0.0%	700	2,120	-67.0%
SHORT TERM NATURAL GAS	U17	13	1,020	-98.7%	0	0.0%	2,293	2,929	-21.7%
SHORT TERM NATURAL GAS	U18	0	70	-100.0%	850	-100.0%	1,372	487	181.7%
SHORT TERM NATURAL GAS	U19	38	380	-90.0%	0	0.0%	223	3,685	-93.9%
SHORT TERM NATURAL GAS	U20	210	290	-27.6%	300	-30.0%	510	2,805	-81.8%
SHORT TERM NATURAL GAS	U21	0	194	-100.0%	150	-100.0%	353	1,799	-80.4%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	400	1,870	-78.6%
SHORT TERM NATURAL GAS	U28	0	200	-100.0%	0	0.0%	100	1,605	-93.8%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	60	-100.0%	460	260	76.9%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	100	3,055	-96.7%
SHORT TERM NATURAL GAS	U31	0	400	-100.0%	0	0.0%	25	5,650	-99.6%
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	0	0.0%
WTI-BRENT BULLET SWAP	BV	35,065	7,352	376.9%	62,223	-43.6%	719,767	237,474	203.1%
WTI CRUDE OIL 1 M CSO FI	7A	53,550	28,750	86.3%	91,300	-41.3%	548,600	382,950	43.3%
Metals Futures									
COMEX GOLD	GC	7,231,169	5,957,038	21.4%	5,738,950	26.0%	51,578,290	38,333,833	34.6%
NYMEX HOT ROLLED STEEL	HR	10,861	6,639	63.6%	5,226	107.8%	66,810	31,182	114.3%
NYMEX PLATINUM	PL	393,517	321,062	22.6%	652,863	-39.7%	3,215,712	2,633,567	22.1%

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.



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Commodity		VOLUME JUL 2018	VOLUME JUL 2017	% CHG	VOLUME JUN 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
Metals Futures									
PALLADIUM	PA	98,611	82,725	19.2%	93,661	5.3%	829,235	844,592	-1.8%
URANIUM	UX	521	286	82.2%	431	20.9%	1,964	4,225	-53.5%
COMEX SILVER	SI	1,582,406	1,829,718	-13.5%	2,486,341	-36.4%	14,581,337	12,945,871	12.6%
COMEX E-Mini GOLD	QO	11,516	7,215	59.6%	5,175	122.5%	52,196	59,088	-11.7%
COMEX E-Mini SILVER	QI	1,123	915	22.7%	1,586	-29.2%	8,566	6,399	33.9%
COMEX COPPER	HG	2,833,195	1,740,501	62.8%	3,619,808	-21.7%	20,379,267	14,040,731	45.1%
COMEX MINY COPPER	QC	360	370	-2.7%	418	-13.9%	3,540	5,479	-35.4%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	30	-100.0%
ALUMINUM	AEP	710	720	-1.4%	960	-26.0%	11,510	17,789	-35.3%
ALUMINUM	ALA	965	250	286.0%	300	221.7%	4,965	450	1,003.3%
ALUMINUM	ALI	0	332	-100.0%	0	0.0%	0	5,503	-100.0%
ALUMINUM	AUP	5,201	4,732	9.9%	7,175	-27.5%	71,314	51,672	38.0%
ALUMINUM	CUP	0	0	-	0	0.0%	205	0	-
ALUMINUM	EDP	1,590	480	231.3%	180	783.3%	10,247	4,530	126.2%
ALUMINUM	MJP	520	2,654	-80.4%	380	36.8%	8,375	8,339	0.4%
COPPER	HGS	0	22	-100.0%	516	-100.0%	10,639	985	980.1%
E-MICRO GOLD	MGC	126,651	81,456	55.5%	112,175	12.9%	906,697	606,072	49.6%
FERROUS PRODUCTS	BUS	744	30	2,380.0%	155	380.0%	11,199	530	2,013.0%
GOLD	GPS	0	1	-100.0%	0	0.0%	0	1	-100.0%
Gold Kilo	GCK	0	258	-100.0%	0	0.0%	136	2,535	-94.6%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	4,070	-100.0%	0	0.0%	0	6,212	-100.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	4,842	4,483	8.0%	2,766	75.1%	27,371	70,909	-61.4%
LNDN ZINC	ZNC	1,538	0	0.0%	1,116	37.8%	2,831	85	3,230.6%
METALS	LED	0	0	0.0%	0	-	0	0	0.0%
SILVER	SIL	6,645	5,431	22.4%	9,728	-31.7%	51,187	36,817	39.0%
Metals Options									
COMEX COPPER	HX	35,140	5,989	486.7%	33,221	5.8%	171,877	28,589	501.2%
COMEX GOLD	OG	926,919	789,412	17.4%	959,733	-3.4%	6,701,998	5,571,442	20.3%
COMEX SILVER	SO	143,979	131,387	9.6%	191,832	-24.9%	1,068,168	811,506	31.6%
COPPER	H1E	2	0	-	0	-	2	0	-
COPPER	H2E	47	0	-	7	571.4%	54	0	-
COPPER	H3E	0	0	-	5	-100.0%	5	0	-
COPPER	H4E	80	0	-	25	220.0%	116	0	-
GOLD	OG1	15,397	2,992	414.6%	6,193	148.6%	74,815	19,193	289.8%



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Commodity	VOLUME JUL 2018	VOLUME JUL 2017	% CHG	VOLUME JUN 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG	
Metals Options									
GOLD	OG2	12,973	2,976	335.9%	7,406	75.2%	63,295	20,046	215.7%
GOLD	OG3	14,126	1,690	735.9%	12,308	14.8%	75,060	25,090	199.2%
GOLD	OG4	7,159	2,568	178.8%	7,927	-9.7%	42,666	11,234	279.8%
GOLD	OG5	0	0	0.0%	8,540	-100.0%	15,375	5,791	165.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	300	-100.0%	0	0.0%	200	8,452	-97.6%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	2,580	-100.0%	200	-100.0%	1,280	17,195	-92.6%
NIKKEI 225 (YEN) STOCK	H1E	11	0	-	0	-	11	0	-
NYMEX PLATINUM	PO	6,756	3,239	108.6%	5,839	15.7%	28,366	17,952	58.0%
PALLADIUM	PAO	2,055	6,731	-69.5%	2,593	-20.7%	21,222	31,923	-33.5%
SILVER	SO1	1,139	14	8,035.7%	466	144.4%	2,345	523	348.4%
SILVER	SO2	581	24	2,320.8%	545	6.6%	1,793	188	853.7%
SILVER	SO3	1,507	0	0.0%	802	87.9%	3,274	567	477.4%
SILVER	SO4	274	17	1,511.8%	502	-45.4%	1,250	114	996.5%
SILVER	SO5	0	0	0.0%	1,048	-100.0%	1,181	3	39,266.7%
TOTAL FUTURES GROUP									
Ag Products Futures		0	5	-100.0%	0	0.0%	65	173	-62.4%
Energy Futures		40,835,855	46,288,038	-11.8%	48,579,202	-15.9%	337,392,571	323,406,434	4.3%
Metals Futures		12,312,685	10,051,388	22.5%	12,739,910	-3.4%	91,833,593	69,717,426	31.7%
TOTAL FUTURES		53,148,540	56,339,431	-5.7%	61,319,112	-13.3%	429,226,229	393,124,033	9.2%
TOTAL OPTIONS GROUP									
Energy Options		5,105,011	5,907,109	-13.6%	5,516,012	-7.5%	44,846,510	49,137,210	-8.7%
Metals Options		1,168,145	949,919	23.0%	1,239,192	-5.7%	8,274,353	6,569,808	25.9%
TOTAL OPTIONS		6,273,156	6,857,028	-8.5%	6,755,204	-7.1%	53,120,863	55,707,018	-4.6%



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Commodity	VOLUME JUL 2018	VOLUME JUL 2017	% CHG	VOLUME JUN 2018	% CHG	VOLUME Y.T.D 2018	VOLUME Y.T.D 2017	% CHG
TOTAL COMBINED								
Ag Products	0	5	-100.0%	0	-	65	173	-62.4%
Energy	45,940,866	52,195,147	-12.0%	54,095,214	-15.1%	382,239,081	372,543,644	2.6%
Metals	13,480,830	11,001,307	22.5%	13,979,102	-3.6%	100,107,946	76,287,234	31.2%
GRAND TOTAL	59,421,696	63,196,459	-6.0%	68,074,316	-12.7%	482,347,092	448,831,051	7.5%