

2017 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>  
CME Group, Inc.  
20 South Wacker Drive, Chicago, Illinois 60606-7499.  
Customer Service: (312) 930-1000

## FINAL

PG02C BULLETIN #181@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

Wed, Sep 20, 2017 PG02C

## EXCHANGE OVERALL VOLUME AND OPEN INTEREST TOTALS

	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL COMBINED OPEN INTEREST & CHGE	----- VOLUME	-52 WEEKS (364 DAYS) OVERALL COMBINED TOTAL VOLUME	AGO- COMBINED TOTAL OPEN INTEREST	
* CME GROUP TOTALS--									
EXCHANGE	16208775	1392615	706640	18308030	113861184	+	512341	17237582	101934102
EXCHANGE FUTURES	13410514	34847	467693	13913054	53940080	-	498221	13582935	49504061
EXCHANGE OPTIONS	2798261	1357768	238132	4394161	59877040	+	1010657	3654247	52393885
OTC TOTALS--									
OTC CLEARED ONLY			815	815	44064	-	95	400	36156
FUTURES & OPTIONS -									
ENERGY	2283704		286683	2570387	24914740	+	93348	2312652	25259394
FUTURES ONLY -									
ENERGY	2139914		179586	2319500	17584532	+	11745	2025330	18385898
OPTIONS ONLY -									
ENERGY	143790		107097	250887	7330208	+	81603	287322	6873496

## CORE ENERGY FUTURES

CL NYMEX CRUDE OIL (PHYSICAL)	1324992		26401	1351393	2388770	+	11282	1057113	1828175
HO NYMEX HEATING OIL (PHYSICAL)	153302		11660	164962	452015	+	664	123740	396747
RB NYMEX NY HARBOR GAS (RBOB) (PHY)	149512		14839	164351	428738	+	2082	214762	409108
NG NATURAL GAS HENRY HUB (PHYSICAL)	411907		32393	444300	1308739	-	12887	412764	1080299
BZ NYMEX BRENT OIL LAST DAY FUTURES	78770		708	79478	142715	+	2828	79017	139244
7F EUROPEAN GASOIL ICE FUTURE	28			28	1239	-	3	270	3575
QM E-MINI CRUDE OIL FUTURES	13331			13331	5004	-	4388	11018	4014
QH E-MINI HEATING OIL FUTURES									1
QU E-MINI GASOLINE FUTURES					1				1
QG E-MINI NATURAL GAS	801			801	1353	-	24	1368	3343

## CRUDE OIL ENERGY FUTURES

E5 ARGUS LLS VS. WTI (ARG) TRD M			480	480	21575	+	480	270	15317
38 ARGUS SOUR CRUDE NDX VS WTI DIF CAL									100
J9 BRENT BALMO					100				200
CY BRENT CALENDAR					17967	-	182		15336
CC5 CANADIAN C5+ CONDENSATE INDEX FUT			606	606	120	-	60		
WCC CANADIAN HEAVY CRUDE(NET ENRGY) FUT					3490	-	680		11790
CIL CANADIAN LIGHT SWEET OIL					1314	-	615	30	11534
CSW CLEARBROOK BAKKEN CRUDE OIL INDEX					600	-	210		1080
7G DATED BRENT (PLATTS) DAILY									200
FY DATED TO FRONTLINE BRENT CLNDR			200	200	11765	+	200		10395
DC DUBAI CRUDE OIL CALENDAR					7870				1449
UB EUROPE DATED BRENT					1537				880
MB GULF COAST SOUR CRUDE OIL FUTURES					2220				2030
DB ICE BRENT DUBAI			150	150	44256			1500	5159
LSW LIGHT SWEET OIL NET ENERGY MONTHLY					915	-	135		
WJ LLS (ARGUS) VS WTI			120	120	16367	+	80	300	35592
LPS LOOP CRUDE OIL STORAGE FUTURES					21135				23442
YX MARS (ARGUS) VS WTI			90	90	9817	+	30		10460
YV MARS (ARGUS) VS WTI TRD MTH			1320	1320	23070	+	1140	300	21443
MDB MINI DATED BRENT (PLATTS) FINANCIAL					100				35
DBL MINI DUBAI CRUDE OIL (PLATTS) FUT					6327				200
BB NYMEX BRENT FINANCIAL FUTURES					75	-	150		6704
SSW SYNTHETIC SWEET OIL MONTHLY FUT					135856	-	323	1370	116091
CS WEST TEXAS INTER CRUDE OIL CAL			970	970	14490	-	1535		
WCW WESTERN CANADIAN SELECT OIL MONTHLY			465	465	1578			50	250
42 WTI BALMO					3226	-	10253		6139
WS WTI FINANCIAL FUTURES					43677	+	60		9821
HTT WTI HOUSTON ARGUS V.WTI TRADE MONTH			540	540	35013	+	110	155	12340
WTT WTI MIDLAND (ARG) VS. WTI TRADE MTH			270	270	45787				25386
FF WTI MIDLAND(ARGUS) VS WTI FINCL FUT					1404				
BY WTI-BRENT BULLET					52998	+	1215	850	57688
BK WTI-BRENT CALENDAR			1260	1260	3679			210	3960
FH WTS (ARGUS) VS WTI TRD MTH									

## NATURAL GAS ENERGY FUTURES

N7 ALGON CITY GATES NAT GAS INDEX					488				3284
B4 ALGONQUIN CITYGATES BASIS					702			1095	3765
ND ANR LOUISIANA BASIS									124
NE ANR OKLAHOMA					1981				4304
PW CENTERPOINT BASIS					11797			2316	23141
II CENTERPOINT EAST INDEX									244
CI CIG BASIS					28887			428	53138
XIC CIG ROCKIES NAT GAS (PLATTS) FUT					24				
5Z COLUMB GULF MAINLINE NG BASIS					8022			180	26019
CFS COLUMBIA GAS TCO (IFERC) FIXED									368
L2 COLUMBIA GULF MAIN NAT G INDEX									732
GL COLUMBIA GULF ONSHORE BASIS					4324				18749
DSF DOMINION (IFERC) FIXED PRICE									2528
IH DOMINION TRAN INC - APP INDEX					2920				5234
PG DOMINION TRANSMISSION INC -APPALAC					39591			2260	59082
TTE DUTCH TTF NATURAL GAS FRONT MTH FUT									
Q9 FL GAS ZONE 3 NAT GAS INDEX					3			3	27
FP FLORIDA GAS ZONE3 BASIS									3660
NN HENRY HUB			8006	8006	1238919	+	365	27651	1359654
HB HENRY HUB BASIS					10404				51352
IN HENRY HUB INDEX FUTURE					4148				25326
HH HENRY HUB NG LAST DAY FINANCIAL			6663	12059	18722	+	3644	19391	292850
NPG HENRY HUB PENULTIMATE FUT				2876	236722	+	290	6248	312327
NHN HOUSTON SHIP CHANNEL BASIS					20796			682	27404
XJ HOUSTON SHIP CHANNEL PIPE									3425
JKM LNG JAPAN KOREA MARKER PLATTS					480				
MFS MICHCON IFERC FIXED PRICE									368
Y8 MICHCON NG INDEX									1220
NF MICHIGAN BASIS					6893			524	12615
NL NGPL MID-CONTINENT					26224			465	37167
IW NGPL MIDCONTINENT INDEX									1468

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	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL COMBINED TOTAL OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL VOLUME	OPEN INTEREST
PD NGPL TEX /OK					26575			43996
OI NGPL TEXOK INDEX								300
PE NORTHERN NATURAL GAS DEMARCATION					2332			1979
PF NORTHERN NATURAL GAS VENTURA IOWA					2224			5387
XR NORTHERN ROCKIES PIPE					273			668
NR NORTHWEST ROCKIES BASIS FUTURE					47283		730	82631
HP NYMEX NATURAL GAS FUTURES	545		10176	10721	128204	+	4932	134695
8X ONEOK OKLAHOMA NG BASIS					1814			2470
PH PANHANDLE BASIS FUTURE					20732		1321	44961
XH PANHANDLE PIPE					648			
PM PERMIAN BASIS			372	372	12107	+	372	17668
PFS PERMIAN IFERC FIXED PRICE								66
IR ROCKIES KERN OPAL - NW INDEX								240
NJ SAN JUAN BASIS					23290		151	36672
XN SOCAL PIPE								3360
SZ SONAT BASIS FUTURE					184			1441
8Z SOUTH STAR TEX OKLHM KNS NG B					168			698
M8 SOUTHERN NAT LA NAT GAS INDEX								90
NK SUMAS BASIS					7169			9668
DVS SUMAS NAT GAS PLATTS FIXED PRICE					184			1068
TC TCO BASIS					16868			32371
Q1 TCO NG INDEX								976
NM TENNESSEE 500 LEG BASIS					62			1301
6Z TENNESSEE 800 LEG NG BASIS					62			1038
NQ TENNESSEE ZONE 0 BASIS					666			1936
IX TETCO M-3 INDEX					1708		62	8418
TX TETCO STX BASIS					1006			2408
ZTS TETCO STX NG (PLATTS IFERC) FUT								12
NX TEXAS EASTERN ZONE M-3 BASIS					9605			22603
9F TEXAS GAS ZONE1 NG BASIS					7812			14656
CZ TRANSCO ZONE 3 BASIS					4599			7517
Y6 TRANSCO ZONE 3 NG INDEX					2074			
NZ TRANSCO ZONE 6 BASIS					3487		856	5635
TZI TRANSCO ZONE 6 GAS INDEX					244			2818
IT TRANSCO ZONE 6 INDEX					488		368	2858
TZ6 TRANSCO ZONE 6 NON NY BASIS					7157			14869
TR TRANSCO ZONE4 BASIS					12607			25080
NBP UK NBP NATURAL GAS FRONT MTH FUT	20			20	4	+	3	
NW WAHA BASIS					8608		428	14201
WFS WAHA IFERC FIXED PRICE								83
IY WAHA INDEX FUTURE								2176

## PETROLEUM ENERGY FUTURES

1W 1% FUEL OIL (PLT) CARG CIF MED					12			857
1X 1% FUEL OIL (PLT) CARG CIF NWE								48
33 1% FUEL OIL RDM VS 1% OIL NWE PLTS					48			154
BOB 3.5% FUEL OIL (PLATTS) FOB RDA			29	29	4193	+	29	4604
7D 3.5% FUEL OIL CID MED					313			811
63 3.5% FUEL OIL RDM VS FOB MED BALM					30			265
FCB 3.5% FUELOIL FOB RDM CRK SPD BALMO					39			210
EOB ARGUS GASOLINE NWE CRACK SPR					46			55
4C CHICAGO ULSD (PLATTS)								12
5C CHICAGO ULSD PL VS HO SPR					1122			1545
3C CHICAGO UNL GAS PL VS RBOB SPR					12			298
D46 D4 BIODIESEL RINS (ARGUS) 2016 FUT								10
EWN E/W NAPHTHA JAPAN CF-CARGOS CIF NWE			16	16	897	+	7	459
EW EAST/WEST FUEL OIL SPREAD					328			195
EWG EAST-WST GASOLINE SPREAD PLATTS/ARG					3626		150	3303
A5 EIA FLAT TAX ONHWAY DIESEL					3083			4761
JE EIA FLAT TAX US RETAIL GASOLINE					400			164
EFM EUR 1%FUEL OIL CARGO FOB MED PLATTS					50			410
ENS EUR 1%FUEL OIL FOB MED-EUR 1% FOB NWE					40			506
KR EURO 3.5% FUEL OIL RDM BALMO					279		40	526
FK EURO 3.5% FUEL OIL SPREAD					889		10	691
ET EURO DIESEL 10PPM VS ICE					347			541
EPN EURO PPNE CIFARG VS NAPHTHA NWE SW			82	82	857	+	29	651
43 EUROP NAPHTHA PLATTS CRCK SPR BALMO					769			274
UF EUROPE 1% FUEL OIL NWE CAL					29			594
UH EUROPE 1% FUEL OIL RDM CAL					3			56
UI EUROPE 3.5% FUEL OIL MED CAL					344			893
UV EUROPE 3.5% FUEL OIL RDM CAL			10	10	8193	+	10	9016
UJ EUROPE JET KERO NWE CAL					66			12
UN EUROPE NAPHTHA CAL			138	138	2572	+	67	1652
KZ EUROPEAN NAPHTHA BALMO			27	27	243	+	23	231
EN EUROPEAN NAPHTHA CRACK SPREAD			294	294	11280	+	80	412
FBT FAME BIO ARGUS RDM RED VS ICE GAS								50
FS FUEL OIL CARGOES VS.BARGES					1022			999
FO FUEL OIL CRACK VS ICE					16337		516	20239
FI FUEL OIL NWE CRACK VS ICE								76
GCI G. COAST #6 FUEL OIL 3.0% VS BRENT					2768		180	3364
EGN GAS EBOB OXY BARGES VS EURO NAPHTHA					18			
7R GAS EUROBOB (ARGUS) BALMO			4	4	109	+	4	290
7I GAS EUROBOB (ARGUS) CRK BALMO					190			109
7K GAS EURO-BOB OXY (ARG) CRACK			1395	1395	27976	+	102	23055
7H GAS EURO-BOB OXY (ARG) NEW BRG			217	217	4409		262	5393
EGB GAS EUROBOB OXY V NAPHTHA CIF BALMO					5			
GOC GASOIL (ICE) CRACK SPREAD					67			109
Z4 GASOIL 0.1 CIF MED								15
WQ GASOIL 0.1 RDM BRGS VS ICE					130			42
VL GASOIL 0.1 ROTTERDAM BARGES SW					30			15
Z5 GASOIL 0.1CIF MED VS ICE GAS					20			95
TP GASOIL 10PPM VS ICE					801			668
BG GASOIL BULLET					130			
GX GASOIL CALENDAR					38		6	147
GZ GASOIL CRACK SPREAD CALENDAR			150	150	22344	+	150	14133

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	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL COMBINED OPEN INTEREST & CHGE	----- TOTAL OPEN INTEREST & CHGE	-52 WEEKS (364 DAYS) OVERALL COMBINED TOTAL VOLUME	AGO- COMBINED TOTAL OPEN INTEREST
QA GASOIL MINI CALENDAR						492		632
A7 GROUP THREE ULSD (PLATTS)						100	20	300
A6 GRP THREE ULSD(PLT)VS HEAT OIL			120	120	13898	- 25		6198
A8 GRP THREE UNL GS (PLT) VS RBOB			175	175	3270	+ 75		2399
CRB GULF CBOB A2 PL VS RBOB SPR F					1319			420
GCU GULF CO NO6 FUELOIL 3% V. EURO 3.5%					14833		405	24249
VZ GULF COAST 3% FUEL OIL BALMO					1607			575
MF GULF COAST HSFO (PLATTS) FUTURES			4505	4505	39993	- 636	1715	54577
GE GULF COAST JET FUEL CLNDR					866			1061
ME GULF COAST JET VS NYM 2 HO SPRD			600	600	33700		1870	39137
MG GULF COAST NO.6 FUEL OIL CRACK			25	25	2615			5740
LY GULF COAST ULSD CALENDAR					2129			4127
GY GULF COAST ULSD CRACK SPREAD					1960			4371
GBB GULF CST UNL 87 GAS M2 V. RBOB BLMO		160	160	160	1855	+ 160		565
GCM GULF UNL87 GAS M2 PLATTS F					17			31
GCC GULF UNL87 M2 PL CRACK SPRD F					285			250
RVG GULF UNL87 M2 PL VS RBOB SPR F			225	225	15133	- 25	925	19040
HOB HEATING OIL VS. BRENT CRACK SPREAD					15590		300	14177
JA JAPAN C&F NAPHTHA			67	67	1427	+ 15	110	1612
J8 JAPAN C&F NAPHTHA CRACK SPREAD			135	135	2129	+ 135		1195
JNC JAPAN C&F NAPHTHA DUBAI (PLATTS) CR					150			
E6 JAPAN NAPHTHA BALMO					86			
1T JET AVIA FUEL(PLTT) CRGS FOB M					66			
1V JET AVIA FUEL(PLTT) FOB V. ICE					20			70
JC JET CIF NWE VS ICE					473			474
1M JET FUEL UP-DOWN BALMO CLNDR S			785	785	4465	+ 485		4327
KL LA CARB DIESEL (OPIS)			25	25	375	+ 25		990
JL LA CARBOB GASOLINE(OPIS)					300			150
JS LA JET (OPIS)					2510			2120
MQ LA JET FUEL VS NYM NO 2 HO SPRD								335
LX LOS ANGELES CARB DIESEL (OPIS)								78
MAS MIN ARGUS PROPANE SAUDI ARAMCO					60		10	40
MNC MIN EURO NPHTHA CIF NWE		108	108	108	3957	- 7	384	3459
MGF MIN GSL .1 PLTS CRGS CIFNWE VS GSL					79			10
MJN MIN JAPAN C&F NAPHTHA PLATTS			10	10	1677	+ 10	70	1090
MJC MIN JETKERO CRGOS CIF NWE VS GASOIL					470			453
MTB MIN SPORE FUELOIL380CST(PLTS) BALMO					65			202
UCM MIN ULSD 10PPM CRGOS CIF MED VS GSL					114			95
MGN MIN ULSD 10PPM CRGS CIF NWE VS GSL					384		10	535
MFD MINI 1% FUEL OIL CAR MED					13			176
MMF MINI 3.5% FUEL OIL CAR MED					85			98
MAE MINI ARGUS PROPANE FAR EAST IDX			10	10	130	+ 10		80
T0 MINI EU 1%FO BARGE FOB RDAM FUT					357			254
0C MINI EU 1%FO CARGO FOB NWE BALMO F					10			40
0B MINI EU 1%FO CARGO FOB NWE FUT					10			175
0E MINI EU 3.5%FO BARGE FOB RDAM BALMO					90			1156
0D MINI EU 3.5%FO BARGE FOB RDAM FUT					5782		151	6433
MUD MINI EUR DIESEL10PPM VS ICE GS					324		10	388
MEN MINI EURO NAPHTHA BALMO					448			335
MEO MINI GAS EUROBOB OXY BARGES			463	463	5901	+ 232	358	7908
MEB MINI GAS EUROBOB OXY NWE ARGS BALMO			20	20	93	+ 20		410
MGB MINI GSOIL .1 PLTTS VS ICE GSOIL SW								44
EGM MINI JAPAN NAPHTHA BALMO FUT					30			40
MXB MINI RBOB V. EBOB(ARGUS) NWE BRGS			120	120	2215	+ 28	100	2165
MXR MINI RBOB V. EBOBARG NWE BRGS BALMO			50	50	1000	+ 50		1220
MTS MINI SINGAPORE 380CST FUEL OIL			220	220	8781	+ 101	210	8043
5L MINI SINGAPORE FO 180 CST BALMO FUT					55			50
0F MINI SINGAPORE FO 180 CST FUT			50	50	1154	+ 50	117	1539
MSG MINI SINGAPORE GASOIL PLATS FUT					140			175
1N MOGAS92 UNLEADED (PLATTS)					10883		750	10045
1P MOGAS92 UNLEADED (PLTS) BLM SW								100
MBL MT BELVIEU LDH ISO-BUTANE(OPIS)					160			157
NOB NAPHTHA (PLATTS) NWE CRACK			21	21	1909	+ 11	31	1097
NBB NAPHTHA (PLATTS) NWE CRACK BALMO SW					10			10
NYH NEW YORK .3% FUEL OIL HIPR V. NY 1%								300
NYF NEW YORK FUEL OIL 1% V. EURO 1% FO					425			425
UT NO 2 UP-DOWN SPREAD CALENDAR					674			193
Y3 NY 2.2% FUEL OIL (PLATTS)								300
FOC NY 3% FUEL OIL V GULF COAST NO6 3%					1295			3815
H1 NY 3.0% FUEL OIL (PLATTS)					150			450
JTB NY BUCKEYE JET FUEL V. NY HR BALMO					850			
JET NY BUCKEYE JET FUEL VS NY HARB ULSD			160	160	4147	+ 160	195	9130
NLS NY HARBOR LOW SULPUR GAS 1000MBBL					935			2456
MM NY HARBOR RESIDUAL FUEL 1.0% S			452	452	3190	+ 312	299	5990
7Y NY ULSD(ARGUS) VS HO SPREAD					1299			4683
VR NY1% VS GC SPREAD			200	200	3531	+ 147	350	5193
HK NYH NO 2 CRACK SPREAD CAL					6967		240	12836
BH NYMEX HEATING OIL FUTURES					373			3116
MP NYMEX NY HARBOR HEAT OIL CLNDR			18	18	9287	+ 18		12742
RT NYMEX RBOB GASOLINE FUTURES					2496			2687
UY NYMEX ULSD VS NYMEX HO								155
SF3 NYM-SINGAPORE FUEL OIL 380CST CRK S					9			5
7N PREM UNL GAS 10 PPM BALMO								5
7L PREM UNL GAS 10 PPM (PLTS) RDM								40
3G PREMIUM UNLD 10P FOB MED					98		3	240
8G PREMIUM UNLEAD 10PPM FOB BLMO								5
RL RBOB CALENDAR FUTURE					15125			14093
RM RBOB CRACK SPREAD					3425		75	2801
1E RBOB CRACK SPREAD BALMO								300
EXR RBOB GAS VS EUROBOB(ARGUS) NWE BRGS			81	81	2509	+ 75	44	1631
RBB RBOB GAS VS. BRENT CRCK SPRD			107	107	13535	- 75	75	19203
1D RBOB GASOLINE BALMO CLNDR					1002			651
RI RBOB SPREAD (PLATTS)					10			55
RH RBOB VS HEATING OIL					2741		200	3200
BFR RME BIO ARGUS RDM RED VS ICS GAS								20
MSD SG VISCOSITY SPREAD BALMO					30			15

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PG02C BULLETIN #181@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

wed, Sep 20, 2017 PG02C

	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL COMBINED OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) OVERALL COMBINED TOTAL VOLUME OPEN INTEREST		
EVC SING 380 FUEL OIL VS FUEL OIL ROTDM			30	30	5450	+	30	210	4825
SFB SING 380CST VS 3.5 FUEL ROTDM BALMO									10
ZO SING JET KERO VS GASOIL SPR B					50				52
BS SINGAPORE 180CST BALMO					10				203
BT SINGAPORE 380CST BALMO			5	5	346	+	5		11263
SE SINGAPORE 380CST FUEL OIL			344	344	9497	+	167	710	1297
UA SINGAPORE FUEL 180CST CAL			33	33	1568	+	10	5	1294
SD SINGAPORE FUEL OIL SPREAD			75	75	1385	+	50		12934
SG SINGAPORE GASOIL			60	60	14626	+	60	475	147
VU SINGAPORE GASOIL BALMO					200				9921
GA SINGAPORE GASOIL VS ICE					11410			1350	100
KSD SINGAPORE JET DUBAI CRACK					25				2895
BX SINGAPORE JET KERO BALMO									2046
RK SINGAPORE JET KERO GASOIL					4190				100
KS SINGAPORE JET KEROSENE					2850				100
V0 SINGAPORE MOGAS 95					100				150
X0 SINGAPORE MOGAS 97									200
SMU SINGAPORE MOGAS95-SINGAPORE MOGAS92									60
STZ SINGAPORE GASOIL 10PPM V GSOLSPD FUT					300				80
STS SPORE FUEL OIL 180CST 6.35 DUBAI CK					560				40
STI SPORE FUEL OIL 380CST 6.35 DUBAI CK					40				2833
1NB SPORE MOGAS92 UNLD BRENT SPRD			30	30	2833	-	30	50	3961
1ND SPORE MOGAS92 UNLD DUBAI SPRD					225				5
3V ULSD 10P CRG CIF NW VS ICE BL									73
Z7 ULSD 10PPM CIF MED VS ICE GAS					54				6745
1L ULSD UP-DOWN BALMO			775	775	6127	+	675	50	47301
LT UP DOWN GC ULSD VS NMX HO SPRD			2600	2600	49095	+	1025	925	

NGL PETROCHEM ENERGY FUTURES

91 ARGUS FAR E NDX VS EUR CIF ARA			50	50	486	+	35	25	375
7E ARGUS PROPAN FAR EST INDEX			102	102	2756	-	15	187	1871
9N ARGUS PROPAN(SAUDI ARAMCO)			29	29	948	+	5	10	783
22 ARGUS PROPANE FAR E INDX BALMO			3	3	109	+	3		24
8L CONWAY NAT GASOLINE					1310				550
8M CONWAY NORMAL BUTANE					3669				1205
CGB CONWAY NTL GAS (OPIS) BALMO					25				48
CPB CONWAY PROPANE (OPIS) BALMO					205				16059
8K CONWAY PROPANE 5 DEC.			781	781	18153	+	396	432	115
32 EUR PROPANE CIF ARA ARGUS BALMO					30				1576
PS EURO PROPANE CIF ARA			152	152	1406	+	37	60	16
HPE HDPE HD POLYETHYLENE (PCW)									20
MPS MINI EURO PROPANE CIF ARA ARGUS FUT					150				230
8C MT BELVIEU ETHANE BALMO					1200				831
80 MT BELVIEU LDH PROPANE BALMO									75
R0 MT BELVIEU NAT GASOLINE BALMO			35	35	557	+	35		228
8J MT BELVIEU NORMAL BUTANE BALM			15	15	220	+	15		74006
C0 MT BELVIEU ETHANE 5-DCML (OPIS)			1995	1995	74006	-	166	3660	96392
MBB MT BELVIEU ETHYLENE (PCW) BALMO					20				20
MBN MT BELVIEU ETHYLENE (PCW) FINCL			120	120	3030	-	55	180	3805
MBE MT BELVIEU ETHYLENE IN-WELL (PCW)			30	30	1355			430	3080
8I MT BELVIEU ISO BUTANE 5 DEC. S					4107				1719
7Q MT BELVIEU NAT GAS 5-DCML (OPIS)			120	120	9882	+	70	255	18331
MNB MT BELVIEU NORMAL BUTANE LDH(OPIS)			224	224	3655	+	116	24	4249
D0 MT BELVIEU NRM BUTANE 5-DCML (OPIS)			2341	2341	40604	+	437	1452	36440
B0 MT BELVIEU PROPANE 5-DCML (OPIS)			4833	4833	105914	+	917	6183	138164
1R PROPANE NON LDH MT BELVIEU			622	622	20288	+	317	1080	26550
1S PROPANE NON LDH MT BLV BALMO					600				1700

ETHANOL ENERGY FUTURES

CU CHICAGO ETHANOL	40		5056	5096	47995	+	1200	5208	53177
ACF ETHANOL FUTURES	757			757	1246	+	21	561	4166
Z1 ETHANOL(PL) T2 FOB RTRDM INCL			200	200	5188	+	75	20	2508
EZ NEW YORK ETHANOL			50	50	2235	+	50	75	2180

ELECTRICITY ENERGY FUTURES

VD AEP-DAYTON HUB DAILY					810	-	90		1764
VP AEP-DAYTON HUB OFF-PEAK MONTHLY					200				868
VM AER-DAYTON HUB MTHLY					280				1148
9Z CAISO SP15 EZGNHUB5 PEAK CLN D					1000	-	50		
K2 CIN HUB 5MW D AH O PK					247800				273920
H5 CIN HUB 5MW D AH PK					12729				19738
H4 CIN HUB 5MW REAL TIME O PK					547240				600992
H3 CIN HUB 5MW REAL TIME PK					42145				46805
EJ CINERGY HUB OFF-PEAK MONTH					120				376
EM CINERGY HUB PEAK MONTH					288				344
I1 ERCOT HSTN Z MCPE 5 MW PEAK SW					3880				6005
I6 ERCOT NRTH Z MCPE 5 MW OFFPK S					21200				441
I5 ERCOT NRTH Z MCPE 5 MW PEAK SW					3880				1000
I8 ERCOT NRTH Z MCPE5 OFFPK CLN D									91
I7 ERCOT NRTH Z MCPE5 PEAK CLND D									9984
IDO ISO NEW ENG MASS HUB DA OP DAILY					7776	-	288		320
KI ISO NEW ENGLAND OFF-PEAK LMP					56				364
NI ISO NEW ENGLAND PEAK LMP					68				12518
HMW MIDWEST ISO MICHIGAN HUB 5MW PEAK C					5075				15850
FTM MISO INDIANA HUB 5MW OFFPK CAL MO RT									5000
FAD MISO INDIANA HUB 5MW OFFPK CALDAY DA					15680	-	560		11600
FTD MISO INDIANA HUB 5MW OFFPK CALDAY RT					17696	-	632		481
PDD MISO INDIANA HUB 5MW PK CAL DAYHD					949	-	73		714
PTD MISO INDIANA HUB 5MW PK CAL-DAY RT					826	-	59		185088
HMO MISO MICHIGAN HUB OF-PK DA MONTHLY					81360				981
UD N ILLINOIS HUB DAILY					1323	-	147		80
UM N ILLINOIS HUB MTHLY									320

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	----- GLOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- OVERALL VOLUME	COMBINED TOTAL OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL VOLUME	OPEN INTEREST
MCC INDONESIAN COAL MCCLOSKEY SUBBIT.								30
QLD NYMEX APPALACHIAN COAL (PHYSICAL)								15
QP WESTERN RAIL DELIVERY PRB COAL					435		10	2345
FREIGHT ENERGY FUTURES								
FLP FREIGHT ROUTE LIQUID PETROLEUM GAS			9	9	856 +	9		1121

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	GLOBAL <sup>®</sup>	OPEN OUTCRY	PNT	-----	OVERALL	COMBINED TOTAL	-----	-52 WEEKS (364 DAYS) AGO-	OVERALL COMBINED TOTAL
	VOLUME	VOLUME	VOLUME	VOLUME	VOLUME	OPEN INTEREST & CHGE	VOLUME	VOLUME	OPEN INTEREST
GXA 1 MO GASOIL CAL SPREAD OPT	P								100
TOTAL 1 MO GASOIL CAL SPREAD OPT									100
GXZ 12 MO GASOIL CAL SPREAD OPT	C					280			
GXZ 12 MO GASOIL CAL SPREAD OPT	P					200			
TOTAL 12 MO GASOIL CAL SPREAD OPT						480			
BA BRENT AVERAGE PRICE OPTION	C					6074			16948
BA BRENT AVERAGE PRICE OPTION	P					1625			11366
TOTAL BRENT AVERAGE PRICE OPTION						7699			28314
BZO BRENT CRUDE OIL FUT MARGIN OPT	C	590	350	940	85483	+	281	1857	39719
BZO BRENT CRUDE OIL FUT MARGIN OPT	P	461	150	611	44537	+	441	293	21995
TOTAL BRENT CRUDE OIL FUT MARGIN OPT		1051	500	1551	130020	+	722	2150	61714
OS BRENT CRUDE OIL OPTIONS	C				11658				18538
OS BRENT CRUDE OIL OPTIONS	P				4666				16068
TOTAL BRENT CRUDE OIL OPTIONS					16324				34606
BE BRENT EURO STYLE OPTION	C		575	575	6860	+	575		10340
BE BRENT EURO STYLE OPTION	P				7584				3244
TOTAL BRENT EURO STYLE OPTION			575	575	14444	+	575		13584
WCI CANADIAN HEAVY CRUDE OIL APO	C				3720				
WCI CANADIAN HEAVY CRUDE OIL APO	P				2040				
TOTAL CANADIAN HEAVY CRUDE OIL APO					5760				
CVR CHICAGO ETHANOL(PLATTS) APO	C		275	275	5541	+	245	844	8025
CVR CHICAGO ETHANOL(PLATTS) APO	P		740	740	4985	+	265	299	5506
TOTAL CHICAGO ETHANOL(PLATTS) APO			1015	1015	10526	+	510	1143	13531
CQA COAL API2 ARGUS/MCCLOS QRTR OPT	P								100
TOTAL COAL API2 ARGUS/MCCLOS QRTR OPT									100
CLA COAL API2 ARGUS/MCCLOS CALNDR OPT	C		75	75	2494			150	10307
CLA COAL API2 ARGUS/MCCLOS CALNDR OPT	P		25	25	2982	+	25	50	16949
TOTAL COAL API2 ARGUS/MCCLOS CALNDR OPT			100	100	5476	+	25	200	27256
MTO COAL API2 CIF ARA ARGSMCCLOSKEY OP	C				630				610
MTO COAL API2 CIF ARA ARGSMCCLOSKEY OP	P				425				520
TOTAL COAL API2 CIF ARA ARGSMCCLOSKEY OP					1055				1130
MFO COAL API4 FOB RCHRDS BAY ARGS MCCLO	C								180
MFO COAL API4 FOB RCHRDS BAY ARGS MCCLO	P								240
TOTAL COAL API4 FOB RCHRDS BAY ARGS MCCLO									420
RLA COAL API4 R BAY ARGUS/MCK CAL	C								100
TOTAL COAL API4 R BAY ARGUS/MCK CAL									100
RQA COAL API4 R BAY ARGUS/MCK QRT	C								80
RQA COAL API4 R BAY ARGUS/MCK QRT	P								90
TOTAL COAL API4 R BAY ARGUS/MCK QRT									170
CPR CONWAY PROPANE (OPIS) APO	C				18				165
CPR CONWAY PROPANE (OPIS) APO	P								165
TOTAL CONWAY PROPANE (OPIS) APO					18				165
AO CRUDE OIL APO OPTIONS	C		930	930	169998	+	630	800	155137
AO CRUDE OIL APO OPTIONS	P		642	642	199676	+	642	1200	135309
TOTAL CRUDE OIL APO OPTIONS			1572	1572	369674	+	1272	2000	290446
LO1 CRUDE OIL OPTIONS	C	12		12	39	+	11	9	138
LO1 CRUDE OIL OPTIONS	P	11		11	63	+	3	6	37
TOTAL CRUDE OIL OPTIONS		23		23	102	+	14	15	175
LO2 CRUDE OIL OPTIONS	C				11				21
LO2 CRUDE OIL OPTIONS	P	7		7	39	+	3		1
TOTAL CRUDE OIL OPTIONS		7		7	50	+	3		21
LO4 CRUDE OIL OPTIONS	C	647		647	3423	+	344	169	1118
LO4 CRUDE OIL OPTIONS	P	569	50	619	2719	+	140	592	810
TOTAL CRUDE OIL OPTIONS		1216	50	1266	6142	+	484	761	1928
LO5 CRUDE OIL OPTIONS	C	435		435	1247	+	266	398	746
LO5 CRUDE OIL OPTIONS	P	294		294	1082	+	255	51	135
TOTAL CRUDE OIL OPTIONS		729		729	2329	+	521	449	881
CPF CSX COAL OPT ON QTRLY FUT STRP	C				40				120
TOTAL CSX COAL OPT ON QTRLY FUT STRP					40				120
DBP DATED BRENT(PLATTS) APO	C								320
DBP DATED BRENT(PLATTS) APO	P								520
TOTAL DATED BRENT(PLATTS) APO									840
AH DUBAI CRUDE OIL (PLATTS) APO	C				75				945
AH DUBAI CRUDE OIL (PLATTS) APO	P				75				345
TOTAL DUBAI CRUDE OIL (PLATTS) APO					150				1290
LB EURO HEATING OIL	C				462				971
LB EURO HEATING OIL	P				56				332
TOTAL EURO HEATING OIL					518				1303
GCE GASOIL EURO BOB CRACK SPREAD APO	C								456
TOTAL GASOIL EURO BOB CRACK SPREAD APO									456
GVR GULF COAST JET FUEL(PLATTS)APO	C				2151				2361
GVR GULF COAST JET FUEL(PLATTS)APO	P				100				505
TOTAL GULF COAST JET FUEL(PLATTS)APO					2251				2866
AT HEATING OIL APO (AVG PRICE) OPTIONS	C				18838				40375
AT HEATING OIL APO (AVG PRICE) OPTIONS	P		180	180	3974	+	180	1	4714
TOTAL HEATING OIL APO (AVG PRICE) OPTIONS			180	180	22812	+	180	1	45089
3W HEATING OIL CRACK SPREAD APO	C								300
TOTAL HEATING OIL CRACK SPREAD APO									300
E7 HENRY HUB FINANCIAL LAST DAY O	C				4230			5	5286
E7 HENRY HUB FINANCIAL LAST DAY O	P				3984			5	6750
TOTAL HENRY HUB FINANCIAL LAST DAY O					8214			10	12036
FA HO 1 MONTH CALENDAR OPTIONS	C				50				600
FA HO 1 MONTH CALENDAR OPTIONS	P				300				
TOTAL HO 1 MONTH CALENDAR OPTIONS					350				600
30 JET KEROSENE NWE (PLATTS) APO	C								40
TOTAL JET KEROSENE NWE (PLATTS) APO									40
W30 LLS ARGUS V.WTI CRUDE OIL AVG PRICE	C				4300				5260
W30 LLS ARGUS V.WTI CRUDE OIL AVG PRICE	P				1600				5800
TOTAL LLS ARGUS V.WTI CRUDE OIL AVG PRICE					5900				11060
YVO MARS-WTI TRADE MONTH APO	C		1500	1500	1500	+	1500		
YVO MARS-WTI TRADE MONTH APO	P		1500	1500	2250	+	1500		
TOTAL MARS-WTI TRADE MONTH APO			3000	3000	3750	+	3000		
4J MT BELVIEU ETHANE 5-DCML (OPIS)	C				325				
4J MT BELVIEU ETHANE 5-DCML (OPIS)	P				2115				4925
TOTAL MT BELVIEU ETHANE 5-DCML (OPIS)					2440				4925
4K MT BELVIEU NRM BUTANE 5-DCML (OPIS)	C				300			150	300
4K MT BELVIEU NRM BUTANE 5-DCML (OPIS)	P				200			150	300
TOTAL MT BELVIEU NRM BUTANE 5-DCML (OPIS)					500			300	600
4H MT BELVIEU PROPANE 5-DCML (OPIS)	C		75	75	3081	+	75	40	859
4H MT BELVIEU PROPANE 5-DCML (OPIS)	P		10	10	2059	-	10		4776
TOTAL MT BELVIEU PROPANE 5-DCML (OPIS)			85	85	5140	+	65	40	5635
G4 NATURAL GAS 1 M CSO FIN	C		2700	2700	73593	+	580		7250
G4 NATURAL GAS 1 M CSO FIN	P		3050	3050	53640	+	1150		500

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	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL	COMBINED TOTAL OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL VOLUME	OPEN INTEREST
TOTAL NATURAL GAS 1 M CSO FIN			5750	5750	127233	+ 1730		7750	
G2 NATURAL GAS 2 M CSO FIN	C				400				
G2 NATURAL GAS 2 M CSO FIN	P				3150				
TOTAL NATURAL GAS 2 M CSO FIN					3550				
G3 NATURAL GAS 3 M CSO FIN	C				10175		2600	40877	
G3 NATURAL GAS 3 M CSO FIN	P		650	650	30200	- 100	3450	17105	
TOTAL NATURAL GAS 3 M CSO FIN			650	650	40375	- 100	6050	57982	
G6 NATURAL GAS 6 M CSO FIN	C				2100				
G6 NATURAL GAS 6 M CSO FIN	P		500	500	6050	- 500			
TOTAL NATURAL GAS 6 M CSO FIN			500	500	8150	- 500			
6J NATURAL GAS OPTION ON CALENDAR STRP	C				7718			10306	
6J NATURAL GAS OPTION ON CALENDAR STRP	P				1520			7520	
TOTAL NATURAL GAS OPTION ON CALENDAR STRP					9238			17826	
ZR NORTHERN ROCKIES PIPE OPTION	C				6754			8790	
TOTAL NORTHERN ROCKIES PIPE OPTION					6754			8790	
9T NYISO ZONE A OPTION	C							210	
9T NYISO ZONE A OPTION	P							210	
TOTAL NYISO ZONE A OPTION								420	
9U NYISO ZONE G OPTION	C				5880			210	
9U NYISO ZONE G OPTION	P							210	
TOTAL NYISO ZONE G OPTION					5880			420	
LC NYMEX CRUDE OIL (EURO) OPTS (PHY)	C		695	695	43822	- 445	8	59573	
LC NYMEX CRUDE OIL (EURO) OPTS (PHY)	P				14804		33	7993	
TOTAL NYMEX CRUDE OIL (EURO) OPTS (PHY)			695	695	58626	- 445	41	67566	
LO NYMEX CRUDE OIL OPTIONS (PHY)	C	51216	15500	66716	1666722	+ 22734	55606	1676503	
LO NYMEX CRUDE OIL OPTIONS (PHY)	P	35315	6050	41365	1113358	+ 11017	45844	1058409	
TOTAL NYMEX CRUDE OIL OPTIONS (PHY)		86531	21550	108081	2780080	+ 33751	101450	2734912	
OH NYMEX HEATING OIL (PHY) OPTIONS	C	15	2075	2090	46551	+ 2000	1621	52002	
OH NYMEX HEATING OIL (PHY) OPTIONS	P	100	50	150	16144	+ 147	355	22145	
TOTAL NYMEX HEATING OIL (PHY) OPTIONS		115	2125	2240	62695	+ 2147	1976	74147	
CH NYMEX HEATING OIL CRACK SPRD OPT	C				100				
TOTAL NYMEX HEATING OIL CRACK SPRD OPT					100				
LN NYMEX NATURAL GAS (EURO) OPTS	C	27388	23810	51198	1577655	+ 11791	56640	1757816	
LN NYMEX NATURAL GAS (EURO) OPTS	P	12867	15900	28767	821334	+ 11068	84753	1214209	
TOTAL NYMEX NATURAL GAS (EURO) OPTS		40255	39710	79965	2398989	+ 22859	141393	2972025	
ON NYMEX NATURAL GAS OPTIONS (PHY)	C	3376		3376	74628	+ 1370	6232	79971	
ON NYMEX NATURAL GAS OPTIONS (PHY)	P	2939		2939	55995	+ 1232	6017	96459	
TOTAL NYMEX NATURAL GAS OPTIONS (PHY)		6315		6315	130623	+ 2602	12249	176430	
CD NYMEX ONE DAY CRUDE OIL OPTIONS	P		450	450			350		
TOTAL NYMEX ONE DAY CRUDE OIL OPTIONS			450	450			350		
KD NYMEX ONE DAY NATURAL GAS OPTIONS	C	385		300	685		650		
KD NYMEX ONE DAY NATURAL GAS OPTIONS	P	548		700	1248		525		
TOTAL NYMEX ONE DAY NATURAL GAS OPTIONS		933		1000	1933		1175		
OB NYMEX RBOB (PHY) OPTIONS	C	309	250	559	23852	+ 190	623	19940	
OB NYMEX RBOB (PHY) OPTIONS	P	391	175	566	14086	- 4	94	13483	
TOTAL NYMEX RBOB (PHY) OPTIONS		700	425	1125	37938	+ 186	717	33423	
PU PANHANDLE PIPE OPTION	C				1080				
PU PANHANDLE PIPE OPTION	P				1080				
TOTAL PANHANDLE PIPE OPTION					2160				
PJM PJM 50MW CALENDAR-MONTH LMP	C							25	
PJM PJM 50MW CALENDAR-MONTH LMP	P							29	
TOTAL PJM 50MW CALENDAR-MONTH LMP								54	
60A PJM WEST HUB REAL-TIME PK 5 MW OPT	C				1980			260	
60A PJM WEST HUB REAL-TIME PK 5 MW OPT	P				1360			290	
TOTAL PJM WEST HUB REAL-TIME PK 5 MW OPT					3340			550	
PMA PJM WEST HUB REAL-TIME PK CAL 50 MW	C				5138			1620	
PMA PJM WEST HUB REAL-TIME PK CAL 50 MW	P				11124			7263	
TOTAL PJM WEST HUB REAL-TIME PK CAL 50 MW					16262			8883	
JOA PJM WEST HUB REAL-TIME PK CAL 5MW	C							3280	
JOA PJM WEST HUB REAL-TIME PK CAL 5MW	P							6560	
TOTAL PJM WEST HUB REAL-TIME PK CAL 5MW								9840	
RPF POWDR RIVR COAL OPT ON QTY FUT STRP	C				460			80	
RPF POWDR RIVR COAL OPT ON QTY FUT STRP	P							400	
TOTAL POWDR RIVR COAL OPT ON QTY FUT STRP					460			480	
ZA RBOB 1 MO CAL SPD OPTIONS	C				2100				
ZA RBOB 1 MO CAL SPD OPTIONS	P				250				
TOTAL RBOB 1 MO CAL SPD OPTIONS					2350				
RA RBOB APO (AVERAGE PRICE) OPTIONS	C				1053			2638	
RA RBOB APO (AVERAGE PRICE) OPTIONS	P				575			610	
TOTAL RBOB APO (AVERAGE PRICE) OPTIONS					1628			3248	
RF RBOB EURO EXPIRATION OPTION	C		100	100	350				
RF RBOB EURO EXPIRATION OPTION	P				75				
TOTAL RBOB EURO EXPIRATION OPTION			100	100	425				
Q6 ROTTERDAM 3.5%FUEL OIL CLN APO	C				140			420	
Q6 ROTTERDAM 3.5%FUEL OIL CLN APO	P				20			90	
TOTAL ROTTERDAM 3.5%FUEL OIL CLN APO					160			510	
PJ SAN JUAN PIPE OPTION	C		540	540	4752	+ 540		6768	
PJ SAN JUAN PIPE OPTION	P				252			828	
TOTAL SAN JUAN PIPE OPTION			540	540	5004	+ 540		7596	
8H SINGAPORE FUEL OIL 380 APO	C				200				
TOTAL SINGAPORE FUEL OIL 380 APO					200				
M2 SINGAPORE GASOIL CALENDAR APO	C				100			300	
TOTAL SINGAPORE GASOIL CALENDAR APO					100			300	
N2 SINGAPORE JET FUEL CALENDAR APO	C				160			700	
TOTAL SINGAPORE JET FUEL CALENDAR APO					160			700	
ZN SOCIAL PIPE OPTION	C							6000	
TOTAL SOCIAL PIPE OPTION								6000	
U20 U20 SHORT TERM NG OPTIONS	C					- 125			
U20 U20 SHORT TERM NG OPTIONS	P					- 300			
TOTAL U20 SHORT TERM NG OPTIONS						- 425			
U21 U21 SHORT TERM NG OPTIONS	C		750	750	750	+ 750			
U21 U21 SHORT TERM NG OPTIONS	P		75	75	75	+ 75			
TOTAL U21 SHORT TERM NG OPTIONS			825	825	825	+ 825			
U22 U22 SHORT TERM NG OPTIONS	C						200	200	
U22 U22 SHORT TERM NG OPTIONS	P						200	200	
TOTAL U22 SHORT TERM NG OPTIONS							400	400	
7A WTI CRUDE OIL 1 M CSO FIN	C				78600			95435	
7A WTI CRUDE OIL 1 M CSO FIN	P		7400	7400	195974	+ 3952	300	243085	
TOTAL WTI CRUDE OIL 1 M CSO FIN			7400	7400	274574	+ 3952	300	338520	
WA WTI CRUDE OIL 1MO CAL SPRD OPTIONS	C	4800		4800	253479	+ 2350	12000	341200	
WA WTI CRUDE OIL 1MO CAL SPRD OPTIONS	P	700	17500	18200	302405	+ 3950	10000	326450	
TOTAL WTI CRUDE OIL 1MO CAL SPRD OPTIONS		5500	17500	23000	555884	+ 6300	22000	667650	
BV WTI-BRENT SPREAD OPTION	C				114288		250	7700	

VOLUME AND OPEN INTEREST "RECORDS" SHOWN FOR CBOT PRODUCTS, ARE COMPRISED OF VOLUME AND OPEN INTEREST DATA AFTER THE CBOT/CME MERGER ON JULY 13, 2007. VOLUME AND OPEN INTEREST "RECORDS" SHOWN FOR NYMEX AND COMEX PRODUCTS, ARE COMPRISED OF VOLUME AND OPEN INTEREST DATA AFTER JUNE 1, 2008. VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES), POSITION ADJUSTMENTS, OPTIONS EXERCISES, POSITIONS IN DELIVERY, OR POSITIONS IN A CASH SETT CYCLE; GLOBEX VOLUME INCLUDES SIDE-BY-SIDE ACTIVITY. R=RECORD VOLUME OR OPEN INTEREST. THE INFORMATION CONTAINED IN THE REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.



