

PG02C BULLETIN #148@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

Wed, Aug 03, 2016 PG02C

EXCHANGE OVERALL VOLUME AND OPEN INTEREST TOTALS									
	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	
* CME GROUP TOTALS--									
EXCHANGE	9992430	784433	549413	11326276	104916426	+	516425	14063254	101915338
EXCHANGE FUTURES	8849568	20782	272489	9142839	49422690	-	16098	11195017	49431032
EXCHANGE OPTIONS	1142862	763651	276474	2182987	55460847	+	532438	2867866	52461068
OTC TOTALS--									
OTC CLEARED ONLY			450	450	32889	+	85	371	23238
FUTURES & OPTIONS -									
ENERGY	2069449	166	330072	2399687	27466469	-	72211	1950858	24982117
FUTURES ONLY -									
ENERGY	1868828	22	146726	2015576	19413665	-	169261	1678913	17522642
OPTIONS ONLY -									
ENERGY	200621	144	183346	384111	8052804	+	97050	271945	7459475

CORE ENERGY FUTURES										
CL	NYMEX CRUDE OIL (PHYSICAL)	1040087	22	18490	1058599	1832595	+	39955	725052	1766269
HO	NYMEX HEATING OIL (PHYSICAL)	171002		11895	182897	393060	-	149	113742	412315
RB	NYMEX NY HARBOR GAS (RBOB) (PHY)	167568		16726	184294	398691	+	7622	136874	372942
NG	NATURAL GAS HENRY HUB (PHYSICAL)	382677		4723	387400	1013546	+	4568	388814	963674
BZ	NYMEX BRENT OIL LAST DAY FUTURES	81855		446	82301	144631	+	1486	143804	154951
7F	EUROPEAN GASOIL ICE FUTURE	89			89	4660	+	8	235	2102
QM	E-MINI CRUDE OIL FUTURES	14050			14050	4944	+	84	8531	8257
QH	E-MINI HEATING OIL FUTURES					3			1	3
QU	E-MINI GASOLINE FUTURES					2				1
QG	E-MINI NATURAL GAS	1025			1025	2870	+	178	662	1677
4SN	PJM WES HUB PEAK LMP 50 MW									129

CRUDE OIL ENERGY FUTURES										
E5	ARGUS LLS VS. WTI (ARG) TRD M					12700			1015	11519
38	ARGUS SOUR CRUDE NDX VS WTI DIF CAL								300	300
J9	BRENT BALMO					75	-	40		
CY	BRENT CALENDAR					16358			350	25460
WCC	CANADIAN HEAVY CRUDE(NET ENRGY) FUT	225	225			11965			120	11446
CIL	CANADIAN LIGHT SWEET OIL					10425				812
FE	DATED FRONTLINE BRENT BALMO									30
FY	DATED TO FRONTLINE BRENT CLNDR					10670	-	425		13715
BI	DUBAI CRUDE OIL BALMO						-	275		
DC	DUBAI CRUDE OIL CALENDAR					3125	-	1675		5694
UB	EUROPE DATED BRENT					2325	-	1395		3400
GSW	GUERNSEY LIGHT SWEET CRUDE OIL FUT					30				
MB	GULF COAST SOUR CRUDE OIL FUTURES					3099				
DB	ICE BRENT DUBAI					945	-	135	60	1305
WJ	LLS (ARGUS) VS WTI	120	120			34276	-	3539	240	47480
LPS	LOOP CRUDE OIL STORAGE FUTURES					24051				7843
YX	MARS (ARGUS) VS WTI					11665	-	1417	180	13940
YV	MARS (ARGUS) VS WTI TRD MTH	1590	1590			11926	+	1135	700	1585
MBC	MINI BRENT FINANCIAL FUTURES					30				
MDB	MINI DATED BRENT (PLATTS) FINANCIAL					70				280
DBL	MINI DUBAI CRUDE OIL (PLATTS) FUT									11570
BB	NYMEX BRENT FINANCIAL FUTURES					7019				8484
CS	WEST TEXAS INTER CRUDE OIL CAL	578	578			113485	-	454	334	135090
42	WTI BALMO								30	74
WS	WTI FINANCIAL FUTURES					4964			100	12823
HTT	WTI HOUSTON ARGUS V.WTI TRADE MONTH	200	200			6500				
WTT	WTI MIDLAND (ARG) VS. WTI TRADE MTH					11300				945
FF	WTI MIDLAND(ARGUS) VS WTI FINCL FUT					21095	-	2645	552	42393
BY	WTI-BRENT BULLET									20
BK	WTI-BRENT CALENDAR	615	615			67382	-	225	580	123414
FH	WTS (ARGUS) VS WTI TRD MTH					2840			360	7638

NATURAL GAS ENERGY FUTURES									
N7	ALGON CITY GATES NAT GAS INDEX					3416	-	248	
B4	ALGONQUIN CITYGATES BASIS					2845	-	558	876
ND	ANR LOUISIANA BASIS					244	-	124	610
NE	ANR OKLAHOMA					4694	-	651	6606
DAC	CENTER POINT NAT GAS FIXED PRICE								32
PW	CENTERPOINT BASIS					21470	-	824	16193
II	CENTERPOINT EAST INDEX					740			341
CI	CIG BASIS		428		428	50517	-	3481	14038
Z8	CIG ROCKIES NG INDEX					124			
SZ	COLUMB GULF MAINLINE NG BASIS					27034	-	2788	39792
CFS	COLUMBIA GAS TCO (IFERC) FIXED					488	-	124	3416
L2	COLUMBIA GULF MAIN NAT G INDEX					1104	-	372	
DCE	COLUMBIA GULF NAT GAS FIXED PRICE								488
GL	COLUMBIA GULF ONSHORE BASIS					20937	-	930	29783
DI	DEMARC INDEX FUTURE						-	620	
DSF	DOMINION (IFERC) FIXED PRICE					2828	-	304	6452
IH	DOMINION TRAN INC - APP INDEX					6784	-	1519	
PG	DOMINION TRANSMISSION INC -APPALAC		2568		2568	47247	-	671	116
IL	EL PASO PERMIAN INDEX					620	-	620	20699
Q9	FL GAS ZONE 3 NAT GAS INDEX					5520	-	2790	
FP	FLORIDA GAS ZONE3 BASIS					1513	-	279	5484
NN	HENRY HUB	7585		7913	15498	1376774	+	5392	50044
HB	HENRY HUB BASIS			1200	1200	46683	-	8596	856
IN	HENRY HUB INDEX FUTURE			1200	1200	26321	-	4070	856
HH	HENRY HUB NG LAST DAY FINANCIAL	2225		2740	4965	277816	-	309	10142
NPG	HENRY HUB PENULTIMATE FUT			2439	2439	314959	+	751	5179
NHN	HOUSTON SHIP CHANNEL BASIS					29054	-	1302	1284
IP	HOUSTON SHIP CHANNEL INDEX					186			
XJ	HOUSTON SHIP CHANNEL PIPE					3425			4073
MFS	MICHCON IFERC FIXED PRICE					488	-	124	1464
Y8	MICHCON NG INDEX					1840			
NF	MICHIGAN BASIS					9878	-	819	2996

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.I' 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.

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		GLOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL	COMBINED TOTAL OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL VOLUME OPEN INTEREST
NL	NGPL MID-CONTINENT						40622 - 721		39504
IW	NGPL MIDCONTINENT INDEX						1716 - 1581		
PX	NGPL MIDCONTINENT SWING						- 40		
PD	NGPL TEX /OK						49536 - 2327	62	74214
PE	NORTHEN NATURAL GAS DEMARCATION						1979 - 164	372	1793
PF	NORTHEN NATURAL GAS VENTURA IOWA						5323 - 310		4365
XR	NORTHERN ROCKIES PIPE						668		991
NR	NORTHWEST ROCKIES BASIS FUTURE			1070	1070		85494 - 3454	275	29467
HP	NYMEX NATURAL GAS FUTURES	538		4282	4820		122867 - 401	2109	97548
8X	ONEOK OKLAHOMA NG BASIS						2740 - 275		2897
PH	PANHANDLE BASIS FUTURE	30		2522	2552		44604 - 670		51016
IV	PANHANDLE INDEX FUTURE						- 1922		
XH	PANHANDLE PIPE								314
PM	PERMIAN BASIS					15888	- 1040	856	5172
PFS	PERMIAN IFERC FIXED PRICE					88	- 22		496
IR	ROCKIES KERN OPAL - NW INDEX					550	- 248		
NJ	SAN JUAN BASIS					36754	- 2175		9636
NS	SOCAL BASIS								848
SGW	SOCAL GAS CITY-GATE (PLATTS IFERC)								40
XN	SOCAL PIPE					3360			488
SZ	SONAT BASIS FUTURE					2011	- 589		7186
8Z	SOUTH STAR TEX OKLHM KNS NG B					1240	- 496		2082
M8	SOUTHERN NAT LA NAT GAS INDEX								1840
NK	SUMAS BASIS					9738	- 1492		8548
DVS	SUMAS NAT GAS PLATTS FIXED PRICE					1158	- 93		2893
TC	TCO BASIS					27711	- 3895		58942
Q1	TCO NG INDEX					1224	- 248		4152
L4	TENN 800 LEG NAT GAS INDEX						- 248		
NM	TENNESSEE 500 LEG BASIS					1631	- 248		2806
6Z	TENNESSEE 800 LEG NG BASIS					610	- 186		1586
NQ	TENNESSEE ZONE 0 BASIS					2056	- 124		
TE	TETCO ELA BASIS								122
IX	TETCO M-3 INDEX					9206	- 868		4464
TX	TETCO STX BASIS					2708	- 310		2747
ZTS	TETCO STX NG (PLATTS IFERC) FUT					16	- 4		84
NX	TEXAS EASTERN ZONE M-3 BASIS					21742	- 3937		13740
9F	TEXAS GAS ZONE1 NG BASIS					14558	- 155		17120
8E	TRANSCO ZONE 1 NG BASIS								122
CZ	TRANSCO ZONE 3 BASIS					7666	- 186		9798
XZ4	TRANSCO ZONE 4 NAT GAS FIXED PRICE								122
B2	TRANSCO ZONE 4 NAT GAS INDEX					744	- 217		372
NZ	TRANSCO ZONE 6 BASIS					4423	- 738		3713
TZI	TRANSCO ZONE 6 GAS INDEX					3004	- 124		
IT	TRANSCO ZONE 6 INDEX					2984	- 310		
TZ6	TRANSCO ZONE 6 NON NY BASIS					13420	- 682		1756
TR	TRANSCO ZONE4 BASIS					27211	- 3183		46018
Z5P	TX EAST M3 NAT GAS FIX PRICE								448
DVA	VENTURA NAT GAS PLATTS FIXED PRICE								44
NW	WAHA BASIS					14225	- 3889	428	11948
WFS	WAHA IFERC FIXED PRICE					110	- 28		572
IY	WAHA INDEX FUTURE					2564	- 1240		

PETROLEUM ENERGY FUTURES									
1W	1% FUEL OIL (PLT) CARG CIF MED					1013			71
1X	1% FUEL OIL (PLT) CARG CIF NWE					72			75
33	1% FUEL OIL RDM VS 1% OIL NWE PLTS					122	- 13		452
FVB	1.0% FUEL OIL (PLATTS) FOB NWE								30
BOB	3.5% FUEL OIL (PLATTS) FOB RDA			110	110	4240	- 746		3033
7D	3.5% FUEL OIL CID MED			10	10	737	- 105		45
63	3.5% FUEL OIL RDAM VS FOB MED BALM					30	- 130		175
FCB	3.5% FUELOIL FOB RDAM CRK SPD BALMO			64	64	64	+ 45		
EOB	ARGUS GASOLINE NWE CRACK SPR					69	- 14		84
4C	CHICAGO ULSD (PLATTS)					15	- 3		58
5C	CHICAGO ULSD PL VS HO SPR					1291	- 210		2309
3C	CHICAGO UNL GAS PL VS RBOB SPR			75	75	226	+ 72		171
D46	D4 BIODIESEL RINS (ARGUS) 2016 FUT					20	- 10		
NCP	DALY EUROP NAPHTHA PLTS CIF NWE FUT					88			20
GBR	DALY GAS EUROBOB OXY ARGS NWE BRGS					40			
7X	DIESEL 10P BRG FOB RDM VS ICEBL			10	10	10	+ 10		
EWN	E/W NAPHTHA JAPAN CF-CARGOS CIF NWE			40	40	590	+ 25		351
EW	EAST/WEST FUEL OIL SPREAD					287	- 58		1306
EWB	EAST-WEST FUEL OIL PLT BALMO								15
EWG	EAST-WST GASOLINE SPREAD PLATTS/ARG			150	150	1819			
A5	EIA FLAT TAX ONHWAY DIESEL					4609	- 591	96	5261
JE	EIA FLAT TAX US RETAIL GASOLINE					202	- 38		
EFM	EUR 1%FUEL OIL CARGO FOB MED PLATTS					560	- 10		42
ENS	EUR1%FUEL OIL FOB MED-EUR1% FOB NWE					605			50
EFF	EUR3.5%FUEL OIL CARGO FOB MED BALMO			10	10	10	+ 10		
KR	EURO 3.5% FUEL OIL RDAM BALMO			40	40	70	- 142	115	162
FK	EURO 3.5% FUEL OIL SPREAD			10	10	513	+ 10		1612
ET	EURO DIESEL 10PPM VS ICE					467			195
EPN	EURO PPNE CIFARG VS NAPHTHA NWE SW			5	5	430	- 82	6	161
43	EUROP NAPHTHA PLATTS CRCK SPR BALMO						- 45	202	396
UF	EUROPE 1% FUEL OIL NWE CAL					681	- 68		292
UH	EUROPE 1% FUEL OIL RDAM CAL					66	- 5		80
UI	EUROPE 3.5% FUEL OIL MED CAL			10	10	796	- 127		42
UV	EUROPE 3.5% FUEL OIL RDAM CAL			73	73	7570	- 1043	215	8867
UJ	EUROPE JET KERO NWE CAL					15	- 3		69
UN	EUROPE NAPHTHA CAL			58	58	1446	- 459	28	1128
KZ	EUROPEAN NAPHTHA BALMO			17	17	17	- 111		13
EN	EUROPEAN NAPTHA CRACK SPREAD			75	75	7868	- 2184	210	12294
FBD	FAME 0 ARGUS BIODIESEL FOB RDA RED								60
FBT	FAME BIO ARGUS RDM RED VS ICE GAS					70	- 20		
FS	FUEL OIL CARGOES VS.BARGES					1062	- 102		1841
FO	FUEL OIL CRACK VS ICE			156	156	18781	- 1394	50	14094

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PRELIMINARY

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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
FI FUEL OIL NWE CRACK VS ICE						95 - 19		303
GCI G. COAST #6 FUEL OIL 3.0% VS BRENT						3402 - 407	50	3142
GFC G.C. NO.6 FUEL PLATTS CRK BALMO			25	25		25 - 79		
7R GAS EUROBOB (ARGUS) BALMO			35	35		95 - 366	11	46
7I GAS EUROBOB (ARGUS) CRK BALMO						17	10	10
7K GAS EURO-BOB OXY (ARG) CRACK			1135	1135		21142 - 5199	215	31626
7H GAS EURO-BOB OXY (ARG) NEW BRG			81	81		5043 - 1432	348	6061
GOC GASOIL (ICE) CRACK SPREAD						104 - 10		230
Z4 GASOIL 0.1 CIF MED						15		
TU GASOIL 0.1 CIF NWE VS ISE								111
WQ GASOIL 0.1 RDAM BRGS VS ICE						53		55
Z5 GASOIL 0.1CIF MED VS ICE GAS						50		31
TP GASOIL 10PPM VS ICE			60	60		527 + 60		431
GX GASOIL CALENDAR						171		82
GZ GASOIL CRACK SPREAD CALENDAR			300	300		13739 - 1629		12234
QA GASOIL MINI CALENDAR						544		1032
A7 GROUP THREE ULSD (PLATTS)								4
A6 GRP THREE ULSD(PLT)VS HEAT OIL			225	225		6055 - 985		9599
A8 GRP THREE UNL GS (PLT) VS RBOB						2965 - 547	125	4359
CRB GULF CBOB A2 PL VS RBOB SPR F						573 - 19		1449
GCU GULF CO NO6 FUELOIL 3% V. EURO 3.5%			675	675		24070 - 2274	515	28846
VZ GULF COAST 3% FUEL OIL BALMO			50	50		110 - 192	30	705
GS GULF COAST GASOLINE CLNDR FUT								1215
GE GULF COAST JET FUEL CLNDR						1040 - 145		1558
ME GULF COAST JET VS NYM 2 HO SPRD			2145	2145		35504 - 6536	1300	34079
MF GULF COAST NO.6 FUEL OIL 3.0%S			2398	2398		51868 - 4096	3295	62319
MG GULF COAST NO.6 FUEL OIL CRACK						6250 - 905		8454
LY GULF COAST ULSD CALENDAR						3902 - 542	96	5738
GY GULF COAST ULSD CRACK SPREAD						5426 - 572		10274
GCB GULF CST NO6 FO 3% V EURO 3.5 BALMO						25		150
GBB GULF CST UNL 87 GAS M2 V. RBOB BLMO			175	175		300 + 145		
GCM GULF UNL87 GAS M2 PLATTS F						21 - 17		
GCC GULF UNL87 M2 PL CRACK SPRD F						225		
RVG GULF UNL87 M2 PL VS RBOB SPR F			120	120		14787 - 1750		50
IG HEATING OIL BALMO CLNDR						15		
HOB HEATING OIL VS. BRENT CRACK SPREAD						14113		15131
JA JAPAN C&F NAPHTHA			5	5		1423 - 512	25	756
JB JAPAN C&F NAPHTHA CRACK SPREAD						789 - 94		257
E6 JAPAN NAPHTHA BALMO						45	20	20
1T JET AVIA FUEL(PLTT) CRGS FOB M								64
1V JET AVIA FUEL(PLTT) FOB V. ICE						68		127
JR JET BARGES VS ICE GASOIL								15
JC JET CIF NWE VS ICE						494 - 38		470
1M JET FUEL UP-DOWN BALMO CLNDR S			110	110		610 - 1230	150	525
KL LA CARB DIESEL (OPIS)			150	150		735 - 265		1050
JL LA CARBOB GASOLINE(OPIS)						300 - 300	75	375
JS LA JET (OPIS)			75	75		2110 - 715		550
MQ LA JET FUEL VS NYM NO 2 HO SPRD						360 - 85		155
LX LOS ANGELES CARB DIESEL (OPIS)						91 - 13		79
MAS MIN ARGUS PROPANE SAUDI ARAMCO						10 - 55		25
MNC MIN EURO NPHTHA CIF NWE			149	149		3718 - 1270	65	3218
MGF MIN GSL .1 PLTS CRGS CIFNWE VS GSL						32 - 22		16
MJN MIN JAPAN C&F NAPHTHA PLATTS			70	70		1450 - 475	165	1309
MJC MIN JETKERO CRGOS CIF NWE VS GASOIL						416 - 53		190
MTB MIN SPORE FUELOIL380CST(PLTS) BALMO			40	40		70 - 126	20	55
UCM MIN ULSD 10PPM CRGOS CIF MED VS GSL						95 - 16		40
MGN MIN ULSD 10PPM CRGS CIF NWE VS GSL						502 - 92		367
MFD MINI 1% FUEL OIL CAR MED						356 - 74		111
MMF MINI 3.5% FUEL OIL CAR MED			5	5		83 - 140		118
MFR MINI 3.5% FUEL OIL FOB CRK SPD FUT						- 30		
MAE MINI ARGUS PROPANE FAR EAST IDX						100 - 50		60
T0 MINI EU 1%FO BARGE FOB RDAM FUT						269 - 49		429
0B MINI EU 1%FO CARGO FOB NWE FUT						297		147
0E MINI EU 3.5%FO BARGE FOB RDAM BALMO			169	169		477 - 359	50	191
0D MINI EU 3.5%FO BARGE FOB RDAM FUT			65	65		6346 - 1263	188	6290
MUD MINI EUR DIESEL10PPM VS ICE GS						144 - 81		229
MEN MINI EURO NAPHTHA BALMO			45	45		174 - 681	30	221
ME0 MINI GAS EUROBOB OXY BARGES			640	640		8118 - 3897	363	5248
MEB MINI GAS EUROBOB OXY NWE ARGS BALMO			219	219		301 - 122		61
MGB MINI GSOIL .1 PLTTVS VS ICE GSOIL SW						55 - 11		257
MHE MINI MID EAST HSFO 180 ARAB GULF						- 30		
MXB MINI RBOB V. EBOB(ARGUS) NWE BRGS			40	40		1100 - 365		626
MXR MINI RBOB V. EBOBARG NWE BRGS BALMO			70	70		100 - 130		
MTS MINI SINGAPORE 380CST FUEL OIL			201	201		4659 - 1590	51	3860
5L MINI SINGAPORE FO 180 CST BALMO FUT						65 - 597		
0F MINI SINGAPORE FO 180 CST FUT			10	10		812 + 10		656
MSG MINI SINGAPORE GASOIL PLATS FUT								50
1N MOGAS92 UNLEADED (PLATTS)			280	280		9468 - 1947		7712
MBL MT BELVIEU LDH ISO-BUTANE(OPIS)						123 - 14		398
N0B NAPHTHA (PLATTS) NWE CRACK			43	43		946 - 174		327
NBB NAPHTHA (PLATTS) NWE CRACK BALMO SW			35	35		55 + 12		
NYH NEW YORK .3% FUEL OIL HIPR V. NY 1%						300		
NYF NEW YORK FUEL OIL 1% V. EURO 1% FO						175 - 75		700
UT NO 2 UP-DOWN SPREAD CALENDAR						198 - 5		292
88 NWE EUR FUEL OIL HGHLOW SULF BALMO								10
NFG NY 1% FUEL OIL VS G.C. 3% FUEL OIL			268	268		268 + 268		50
Y3 NY 2.2% FUEL OIL (PLATTS)						220	60	185
FOC NY 3% FUEL OIL V GULF COAST NO6 3%						3225 - 775		1100
H1 NY 3.0% FUEL OIL (PLATTS)			25	25		275 - 275	100	675
JET NY BUCKEYE JET FUEL VS NY HARB ULSD			425	425		3835 - 880	375	2710
YH NY H OIL PLATTS VS NYMEX HO								41
NLS NY HARBOR LOW SULPUR GAS 1000MBBL						2426 - 225		2348
MM NY HARBOR RESIDUAL FUEL 1.0% S			123	123		4909 - 465	113	4144
1U NY JET FUEL(PL) VS HEATING OIL								170
ULB NY ULSD VS HEAT OIL BALMO						- 400		
7Y NY ULSD(ARGUS) VS HO SPREAD						1021 - 192		8349

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EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

Wed, Aug 03, 2016 PG02C

		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
VR	NY1% VS GC SPREAD			50	50		5378 - 1182		4680
HK	NYH NO 2 CRACK SPREAD CAL						13435	36	14655
BH	NYMEX HEATING OIL FUTURES						3334		120
MP	NYMEX NY HARBOR HEAT OIL CLNDR						12819	105	18706
RT	NYMEX RBOB GASOLINE FUTURES						3050		544
UY	NYMEX ULSD VS NYMEX HO						220 - 65		1165
SF3	NYM-SINGAPORE FUEL OIL 380CST CRK S						10		
7L	PREM UNL GAS 10 PPM (PLTS) RDM						55 - 15		49
3G	PREMIUM UNLD 10P FOB MED						185		492
8G	PREMIUM UNLEAD 10PPM FOB BLMO						10 - 17		88
RL	RBOB CALENDAR FUTURE						10413	750	14381
RM	RBOB CRACK SPREAD			90	90		2810 + 90	250	3315
1E	RBOB CRACK SPREAD BALMO			25	25		25 + 25		
XER	RBOB GAS VS EURO BOB OXY NWE BARGES								90
EXR	RBOB GAS VS EUROBOB(ARGUS) NWE BRGS			58	58		1108 - 547		1087
RBB	RBOB GAS VS. BRENT CRCK SPRD			332	332		17533 + 314	375	23450
1D	RBOB GASOLINE BALMO CLNDR						273		23
RI	RBOB SPREAD (PLATTS)						60 - 5		86
RV	RBOB UP-DOWN CALENDAR								16390
RH	RBOB VS HEATING OIL			300	300		2910 - 131	340 450	1875
BFR	RME BIO ARGUS RDM RED VS ICS GAS						25 - 5	30	80
MSD	SG VISCOSITY SPREAD BALMO						- 5		
EVC	SING 380 FUEL OIL VS FUEL OIL ROTDM			5	5		3955 - 705	35	3140
BS	SINGAPORE 180CST BALMO			5	5		5 - 10	5	45
BT	SINGAPORE 380CST BALMO			10	10		70 - 115		5
SE	SINGAPORE 380CST FUEL OIL			755	755		7782 - 1149	77	6320
UA	SINGAPORE FUEL 180CST CAL			35	35		1370 + 30	90	1910
SD	SINGAPORE FUEL OIL SPREAD			139	139		1490 - 302	15	878
SG	SINGAPORE GASOIL			85	85		10968 - 2803		3970
VU	SINGAPORE GASOIL BALMO						240 - 515		300
GA	SINGAPORE GASOIL VS ICE			75	75		7406 - 625		4230
KSD	SINGAPORE JET DUBAI CRACK								390
RK	SINGAPORE JET KERO GASOIL			25	25		1920 - 250		1645
KS	SINGAPORE JET KEROSENE						1561 - 115		2674
V0	SINGAPORE MOGAS 95						150		200
SMU	SINGAPORE MOGAS95-SINGAPORE MOGAS92						40		100
STZ	SINGPORE GASOIL 10PPM V GSOLSPD FUT						120 - 60		250
STR	SPORE FUEL OIL 180CST 6.35 CK								125
STS	SPORE FUEL OIL 180CST 6.35 DUBAI CK								78
1NB	SPORE MOGAS92 UNLD BRENT SPRD			280	280		3662 - 348		4899
1ND	SPORE MOGAS92 UNLD DUBAI SPRD								25
3V	ULSD 10P CRG CIF NW VS ICE BL								10
Z7	ULSD 10PPM CIF MED VS ICE GAS						90		130
1L	ULSD UP-DOWN BALMO			2200	2200		3525 - 7402	425	425
LT	UP DOWN GC ULSD VS NMX HO SPRD			2950	2950		56363 - 11933	1939	58314
RU	USGC UNL 87 CRACK SPREAD CAL								800

NGL PETROCHEM ENERGY FUTURES									
91	ARGS FAR E NDX VS EUR CIF ARA			20	20		353 + 12		74
7E	ARGUS PROPAN FAR EST INDEX			179	179		2016 - 323	18	500
9N	ARGUS PROPAN(SAUDI ARAMCO)			62	62		837 - 268	21	198
22	ARGUS PROPANE FAR E INDX BALMO			3	3		11 - 12	10	10
8L	CONWAY NAT GASOLINE						709		228
8M	CONWAY NORMAL BUTANE			80	80		295 + 40		685
CPB	CONWAY PROPANE (OPIS) BALMO			120	120		342 + 55		5
8K	CONWAY PROPANE 5 DEC.			62	62		13604 - 1414	115	9254
32	EUR PROPANE CIF ARA ARGUS BALMO			17	17		27 - 31		20
PS	EURO PROPANE CIF ARA			69	69		1545 - 188	14	759
HPE	HDPE HD POLYETHYLENE (PCW)						20 - 4		117
LPE	LLDPE LLD POLYETHYLENE (PCW)								68
8C	MT BELVIEU ETHANE BALMO						- 110		60
80	MT BELVIEU LDH PROPANE BALMO						271 - 765		
R0	MT BELVIEU NAT GASOLINE BALMO			78	78		138 - 4		
8J	MT BELVIEU NORMAL BUTANE BALM			15	15		147 - 611	10	64
C0	MT BELVIEU ETHANE 5-DCML (OPIS)			915	915		78520 - 2985	200	18572
MBB	MT BELVIEU ETHYLENE (PCW) BALMO								30
MBN	MT BELVIEU ETHYLENE (PCW) FINCL			120	120		3114 + 4	130	3006
MBE	MT BELVIEU ETHYLENE IN-WELL (PCW)			90	90		3550		3040
8I	MT BELVIEU ISO BUTANE 5 DEC. S						1352		3023
7Q	MT BELVIEU NAT GAS 5-DCML (OPIS)			130	130		16573 - 2168	230	8667
MNB	MT BELVIEU NORMAL BUTANE LDH(OPIS)			93	93		3019 - 351	35	2356
D0	MT BELVIEU NRM BUTANE 5-DCML (OPIS)			858	858		31990 - 2046	465	26653
B0	MT BELVIEU PROPANE 5-DCML (OPIS)			9607	9607		138021 - 4300	1087	66604
1R	PROPANE NON LDH MT BELVIEU			790	790		24062 - 4019	142	14964
1S	PROPANE NON LDH MT BLV BALMO						160 - 225		100

ETHANOL ENERGY FUTURES									
CU	CHICAGO ETHANOL	97		4811	4908		45963 - 7858	4777	47926
ACF	ETHANOL FUTURES	840			840		4381 + 140	419	5613
Z1	ETHANOL(PL) T2 FOB RTRDM INCL			115	115		2653 + 20	55	4801
EZ	NEW YORK ETHANOL						850 - 400		2265

ELECTRICITY ENERGY FUTURES									
VD	AEP-DAYTON HUB DAILY						3322 - 151		
VP	AEP-DAYTON HUB OFF-PEAK MONTHLY						1002		3144
VM	AER-DAYTON HUB MTHLY						1225		2536
K2	CIN HUB 5MW D AH O PK						260120		276776
H5	CIN HUB 5MW D AH PK						19111		18894
H4	CIN HUB 5MW REAL TIME O PK						599864		471784
H3	CIN HUB 5MW REAL TIME PK						43836		16402
EJ	CINERGY HUB OFF-PEAK MONTH						464		792
EM	CINERGY HUB PEAK MONTH						372	40	940

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										-----	OVERALL	COMBINED TOTAL	-----	-52 WEEKS (364 DAYS) AGO-		
										VOLUME		OPEN INTEREST	& CHGE	OVERALL	COMBINED	TOTAL
														VOLUME	OPEN	INTEREST
NOC	PJM	NORTERN	ILL	HUB	RT	OP	DAILY					70688	-	1128		17952
JP	PJM	OFF-PEAK	LMP	FUTURE								2560				5956
50	PJM	PANELEC	ZONE	OFFPK	CAL	LMP						11925				
49	PJM	PANELEC	ZONE	PEAK	CAL	LMP						635				
4P	PJM	PECO	Z5	MW	OPFK	CLM	DA	LMP								16386
4N	PJM	PECO	Z5	MW	PK	CLM	DA	LMP								908
Q8	PJM	PEPCO	DA	OFF-PEAK												3760
F5	PJM	PPL	DA	OFF-PEAK								31005				21177
L5	PJM	PPL	DA	PEAK								1651				1677
W6	PJM	PSEG	DA	OFF-PEAK								138560				
L6	PJM	PSEG	DA	PEAK								5100				
PWO	PJM	WESTERN	HUB	DA	OP	DAILY	FUT					72160	-	1312		17136
PWP	PJM	WESTERN	HUB	DA	PEAK	DAILY						4375	-	175		
WOR	PJM	WESTERN	HUB	RT	OP	DAILY						244976	-	4576		54672
E4	PJM	WESTH	DA	OFF-PEAK								1121692				1305890
N9	PJM	WESTH	RT	OFF-PEAK								2946873	-	15744		2849341
L1	PJM	WESTH	RT	PEAK								169709			1450	132296
J4	PJM	WESTHDA	PEAK									60595				74173
COAL ENERGY FUTURES																
ALW	AUSTRALIAN COKING (PLATTS) LOW VOL								6	6		1000				872
SSI	COAL API 8 CFR SOUTH CHINA											40	-	10		766
MTF	COAL API2 CIF ARA ARG-MCCLOSKEY								2363	2363		105228	-	7745	9896	126751
MFF	COAL API4 RCH BAY ARGS MCCLOSKEY SW								115	115		17306	-	1610	605	31095
ACM	COAL API5 FOB NEWCASTLE ARG/MC FUT											90	-	25	30	280
QX	EASTERN RAIL DELIVERY CSX COAL											2190			120	3984
MCC	INDONESIAN COAL MCCLOSKEY SUBBIT.											50	-	10		340
QLD	NYMEX APPALACHIAN COAL (PHYSICAL)											20				434
QP	WESTERN RAIL DELIVERY PRB COAL											3065			60	4823
FREIGHT ENERGY FUTURES																
FLP	FREIGHT ROUTE LIQUID PETROLEUM GAS											951	-	62		153



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		GLOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL	COMBINED TOTAL OPEN INTEREST & CHGE	-----	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL VOLUME OPEN INTEREST
G3	NATURAL GAS 3 M CSO FIN	C					42022		950 4315
G3	NATURAL GAS 3 M CSO FIN	P					11455		4725 6380
TOTAL	NATURAL GAS 3 M CSO FIN						53477		5675 10695
G6	NATURAL GAS 6 M CSO FIN	C							500
G6	NATURAL GAS 6 M CSO FIN	P							500
TOTAL	NATURAL GAS 6 M CSO FIN								1000
6J	NATURAL GAS OPTION ON CALENDAR STRP	C					9506		8967
6J	NATURAL GAS OPTION ON CALENDAR STRP	P					6280		3300
TOTAL	NATURAL GAS OPTION ON CALENDAR STRP						15786		12267
ZR	NORTHERN ROCKIES PIPE OPTION	C					6750		6441
TOTAL	NORTHERN ROCKIES PIPE OPTION						6750		6441
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					210		
9U	NYISO ZONE G OPTION	P					210		105
TOTAL	NYISO ZONE G OPTION						420		105
LC	NYMEX CRUDE OIL (EURO) OPTS (PHY)	C		31	31	63170	+	31	100 75125
LC	NYMEX CRUDE OIL (EURO) OPTS (PHY)	P				11372			30 55405
TOTAL	NYMEX CRUDE OIL (EURO) OPTS (PHY)			31	31	74542	+	31	130 130530
LO	NYMEX CRUDE OIL OPTIONS (PHY)	C	82151	33025	115230	1887376	+	39535	65482 1951304
LO	NYMEX CRUDE OIL OPTIONS (PHY)	P	75726	11370	87096	1184857	+	6639	106122 1439989
TOTAL	NYMEX CRUDE OIL OPTIONS (PHY)		157877	44395	202326	3072233	+	46174	171604 3391293
F7	NYMEX EUROPEAN GASOIL APO	C							967
F7	NYMEX EUROPEAN GASOIL APO	P							600
TOTAL	NYMEX EUROPEAN GASOIL APO								1567
F8	NYMEX EUROPEAN GASOIL OPTION	C							90
F8	NYMEX EUROPEAN GASOIL OPTION	P							70
TOTAL	NYMEX EUROPEAN GASOIL OPTION								160
OH	NYMEX HEATING OIL (PHY) OPTIONS	C	22	50	450	522	48806	+	367 1952
OH	NYMEX HEATING OIL (PHY) OPTIONS	P	325	25	170	520	21321	+	436 649
TOTAL	NYMEX HEATING OIL (PHY) OPTIONS		347	75	620	1042	70127	+	803 2601
LN	NYMEX NATURAL GAS (EURO) OPTS	C	6613		34481	41094	1675477	+	9923 16158
LN	NYMEX NATURAL GAS (EURO) OPTS	P	14400		59313	73713	1177749	+	10530 57090
TOTAL	NYMEX NATURAL GAS (EURO) OPTS		21013		93794	114807	2853226	+	20453 73248
ON	NYMEX NATURAL GAS OPTIONS (PHY)	C	5459			5459	72245	+	2383 1427
ON	NYMEX NATURAL GAS OPTIONS (PHY)	P	7026		425	7451	87662	+	1493 1976
TOTAL	NYMEX NATURAL GAS OPTIONS (PHY)		12485		425	12910	159907	+	3876 3403
CD	NYMEX ONE DAY CRUDE OIL OPTIONS	C							50
CD	NYMEX ONE DAY CRUDE OIL OPTIONS	P			50	50			
TOTAL	NYMEX ONE DAY CRUDE OIL OPTIONS				50	50			50
KD	NYMEX ONE DAY NATURAL GAS OPTIONS	C			512	512			225
KD	NYMEX ONE DAY NATURAL GAS OPTIONS	P			575	575			625
TOTAL	NYMEX ONE DAY NATURAL GAS OPTIONS				1087	1087			850
OB	NYMEX RBOB (PHY) OPTIONS	C	99		900	999	21351	+	842 566
OB	NYMEX RBOB (PHY) OPTIONS	P	584		1800	2384	12343	+	1455 236
TOTAL	NYMEX RBOB (PHY) OPTIONS		683		2700	3383	33694	+	2297 802
CW	PGE CITYGATE PIPE OPTION	C							1200
CW	PGE CITYGATE PIPE OPTION	P							1200
TOTAL	PGE CITYGATE PIPE OPTION								2400
PML	PJM 50MW CALENDAR-MONTH LMP	C		1	1	22	+	1	91
PML	PJM 50MW CALENDAR-MONTH LMP	P		1	1	33	+	1	119
TOTAL	PJM 50MW CALENDAR-MONTH LMP			2	2	55	+	2	210
JO	PJM MONTHLY OPTION	C							58
TOTAL	PJM MONTHLY OPTION								58
60	PJM OPTION ON CALENDAR STRIP	C							280
60	PJM OPTION ON CALENDAR STRIP	P							620
TOTAL	PJM OPTION ON CALENDAR STRIP								900
60A	PJM WEST HUB REAL-TIME PK 5 MW OPT	C		10	10	200	+	10	
60A	PJM WEST HUB REAL-TIME PK 5 MW OPT	P		10	10	200	+	10	20
TOTAL	PJM WEST HUB REAL-TIME PK 5 MW OPT			20	20	400	+	20	20
PMA	PJM WEST HUB REAL-TIME PK CAL 50 MW	C				1446			
PMA	PJM WEST HUB REAL-TIME PK CAL 50 MW	P		164	164	1079			
TOTAL	PJM WEST HUB REAL-TIME PK CAL 50 MW			164	164	2525			
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			
600	PJM WST HUB RT OFPK 50 MW CLST OPT	C							3
600	PJM WST HUB RT OFPK 50 MW CLST OPT	P							3
TOTAL	PJM WST HUB RT OFPK 50 MW CLST OPT								6
RPF	POWDR RIVR COAL OPT ON QTY FUT STRP	C				520			2140
RPF	POWDR RIVR COAL OPT ON QTY FUT STRP	P				427			360
TOTAL	POWDR RIVR COAL OPT ON QTY FUT STRP					947			2500
RA	RBOB APO (AVERAGE PRICE) OPTIONS	C				2640			6722
RA	RBOB APO (AVERAGE PRICE) OPTIONS	P				611			6760
TOTAL	RBOB APO (AVERAGE PRICE) OPTIONS					3251			13482
Q6	ROTTERDAM 3.5%FUEL OIL CLN APO	C				360			505
Q6	ROTTERDAM 3.5%FUEL OIL CLN APO	P				30			235
TOTAL	ROTTERDAM 3.5%FUEL OIL CLN APO					390			740
PJ	SAN JUAN PIPE OPTION	C		144	144	5844	+	144	3276
PJ	SAN JUAN PIPE OPTION	P		144	144	624	+	144	
TOTAL	SAN JUAN PIPE OPTION			288	288	6468	+	288	3276
8H	SINGAPORE FUEL OIL 380 APO	C							255
TOTAL	SINGAPORE FUEL OIL 380 APO								255
M2	SINGAPORE GASOIL CALENDAR APO	C				300			
TOTAL	SINGAPORE GASOIL CALENDAR APO					300			
N2	SINGAPORE JET FUEL CALENDR APO	C				800			1200
TOTAL	SINGAPORE JET FUEL CALENDR APO					800			1200
ZN	SOCAL PIPE OPTION	C				6000			3564
ZN	SOCAL PIPE OPTION	P							1964
TOTAL	SOCAL PIPE OPTION					6000			5528
U03	U03 SHORT TERM NG OPTIONS	C					-	120	
U03	U03 SHORT TERM NG OPTIONS	P					-	100	
TOTAL	U03 SHORT TERM NG OPTIONS						-	220	
U04	U04 SHORT TERM NG OPTIONS	C		1150	1150	1350	+	1050	
U04	U04 SHORT TERM NG OPTIONS	P		150	150	150	+	150	
TOTAL	U04 SHORT TERM NG OPTIONS			1300	1300	1500	+	1200	
U06	U06 SHORT TERM NG OPTIONS	C							300
U06	U06 SHORT TERM NG OPTIONS	P							450
TOTAL	U06 SHORT TERM NG OPTIONS								750
WZ	WTI 12 MONTH CALENDAR OPTIONS	P							500
TOTAL	WTI 12 MONTH CALENDAR OPTIONS								500
7A	WTI CRUDE OIL 1 M CSO FIN	C					87320		41108

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