



2018 DAILY INFORMATION BULLETIN - <http://www.cmegroup.com/dailybulletin>
CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



PRELIMINARY

PG02C BULLETIN # 76@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

Fri, Apr 20, 2018 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) OVERALL COMBINED TOTAL VOLUME OPEN INTEREST	AGO- COMBINED TOTAL OPEN INTEREST	
* CME GROUP TOTALS-									
EXCHANGE	14977022	774284	548985	16300291	123814639	-	4255194	15900749	119096808
EXCHANGE FUTURES	12582679	45564	383268	13011511	58650265	-	811	10823071	55351424
EXCHANGE OPTIONS	2394343	728720	165192	3288255	65140361	-	4254908	5076913	63701057
OTC TOTALS-									
OTC CLEARED ONLY			525	525	24013	+	525	765	44327
FUTURES & OPTIONS -									
ENERGY	2192581		199537	2392118	21899837	+	26602	2615353	25042419
FUTURES ONLY -									
ENERGY	2050161		123815	2173976	14937128	-	46495	2207714	18217689
OPTIONS ONLY -									
ENERGY	142420		75722	218142	6962709	+	73097	407639	6824730

CORE ENERGY FUTURES

CL NYMEX CRUDE OIL (PHYSICAL)	1123596		25487	1149083	2569144	-	29218	1161077	2209451
HO NYMEX HEATING OIL (PHYSICAL)	166415		11356	177771	445574	+	96	217888	443121
RB NYMEX NY HARBOR GAS (RBOB) (PHY)	159428		10320	169748	464617	-	2599	183462	419905
NG NATURAL GAS HENRY HUB (PHYSICAL)	481119		15237	496356	1449217	-	25020	382627	1430163
BZ NYMEX BRENT OIL LAST DAY FUTURES	84829		737	85566	211573	+	600	115588	137195
7F EUROPEAN GASOIL ICE FUTURE	34			34	233	-	22	38	2554
QM E-MINI CRUDE OIL FUTURES	17046			17046	3397	-	1663	13386	3484
QH E-MINI HEATING OIL FUTURES					1			1	1
QU E-MINI GASOLINE FUTURES					1			1	1
QG E-MINI NATURAL GAS	1443			1443	2603	-	503	1236	1686

CRUDE OIL ENERGY FUTURES

E5 ARGUS LLS VS. WTI (ARG) TRD M			400	400	51188	-	50	1240	14004
38 ARGUS SOUR CRUDE NDX VS WTI DIF CAL					945				
J9 BRENT BALMO									113
CY BRENT CALENDAR									16287
CC5 CANADIAN C5+ CONDENSATE INDEX FUT			180	180	11440	+	42	145	30
WCC CANADIAN HEAVY CRUDE(NET ENRGY) FUT					1120			180	9323
CIL CANADIAN LIGHT SWEET OIL					49				6480
CSW CLEARBROOK BAKKEN CRUDE OIL INDEX									1035
CPD CPC BLEND VS MED DATED STRIP FUTURE					400				
FY DATED TO FRONTLINE BRENT CLNDR					6460				8605
DC DUBAI CRUDE OIL CALENDAR					2046				17875
UB EUROPE DATED BRENT					300				362
GSW GUERNSEY LIGHT SWEET CRUDE OIL FUT									70
MB GULF COAST SOUR CRUDE OIL FUTURES					389				2559
DB ICE BRENT DUBAI					44681			1200	28223
LSW LIGHT SWEET OIL NET ENERGY MONTHLY					1360				30
WJ LLS (ARGUS) VS WTI					23410			2320	26483
LPS LOOP CRUDE OIL STORAGE FUTURES					18390				21975
YX MARS (ARGUS) VS WTI			540	540	9545	+	440		11599
YV MARS (ARGUS) VS WTI TRD MTH			660	660	31415	-	40	260	29747
MDB MINI DATED BRENT (PLATTS) FINANCIAL					72				
DBL MINI DUBAI CRUDE OIL (PLATTS) FUT					8				100
BB NYMEX BRENT FINANCIAL FUTURES					3322				1131
SSW SYNTHETIC SWEET OIL MONTHLY FUT									105
UMD URALS MED VS DATED BRENT FUTURE					1000				
UNS URALS NORTH VS MED DATED STRIP FUT			100	100	1500				
CS WEST TEXAS INTER CRUDE OIL CAL			1643	1643	171080	+	338	1088	127498
WCW WESTERN CANADIAN SELECT OIL MONTHLY			540	540	23143	+	130		2265
42 WTI BALMO			18	18	367	+	18		1892
WS WTI FINANCIAL FUTURES					572				3931
HTT WTI HOUSTON ARGUS V.WTI TRADE MONTH			610	610	103270	+	260	4275	28185
WTT WTI MIDLAND (ARG) VS. WTI TRADE MTH			1060	1060	169709	+	310	791	30712
FF WTI MIDLAND(ARGUS) VS WTI FINCL FUT			360	360	63534	+	360	1050	49104
BY WTI-BRENT BULLET					6704				904
BK WTI-BRENT CALENDAR			140	140	131014	+	140	970	40048
FH WTS (ARGUS) VS WTI TRD MTH					4196				1720

NATURAL GAS ENERGY FUTURES

N7 ALGON CITY GATES NAT GAS INDEX									1712
B4 ALGONQUIN CITYGATES BASIS									1620
NE ANR OKLAHOMA					1283				3052
PW CENTERPOINT BASIS					6919				15644
CI CIG BASIS					17778				40111
XIC CIG ROCKIES NAT GAS (PLATTS) FUT									44
Z8 CIG ROCKIES NG INDEX									720
5Z COLUMB GULF MAINLINE NG BASIS					2662				14152
GL COLUMBIA GULF ONSHORE BASIS									11515
DSF DOMINION (IFERC) FIXED PRICE									900
IH DOMINION TRAN INC - APP INDEX					2200				2920
PG DOMINION TRANSMISSION INC -APPALAC					22641			1480	57756
TTF DUTCH TTF NATURAL GAS CAL MONTH FUT	10			10	80				
NN HENRY HUB			6714	6714	1135299	+	3629	16135	1314551
HB HENRY HUB BASIS					3568			899	31774
IN HENRY HUB INDEX FUTURE					3312			899	22930
HH HENRY HUB NG LAST DAY FINANCIAL	11126		8401	19527	389017	+	606	19240	400328
NPG HENRY HUB PENULTIMATE FUT			977	977	157693	+	583	852	269719
NHN HOUSTON SHIP CHANNEL BASIS					15551				22299
XJ HOUSTON SHIP CHANNEL PIPE									1839
JKM LNG JAPAN KOREA MARKER PLATTS			150	150	1555	+	50		
NF MICHIGAN BASIS					4025				10259
NL NGPL MID-CONTINENT					19813				28344
PD NGPL TEX /OK					29320				33156
PE NORTHERN NATURAL GAS DEMARCATION					1228				2686
PF NORTHERN NATURAL GAS VENTURA IOWA					1456				4116
XR NORTHERN ROCKIES PIPE					61				426
NR NORTHWEST ROCKIES BASIS FUTURE					31585				59957

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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	
HP NYMEX NATURAL GAS FUTURES	4981		4116	9097	97167	+	2875	7694	146082
8X ONEOK OKLAHOMA NG BASIS					490				1295
PH PANHANDLE BASIS FUTURE					10654				32822
XH PANHANDLE PIPE					1720				864
PM PERMIAN BASIS					7876				17732
NJ SAN JUAN BASIS					16046				32405
XX SAN JUAN PIPE					360				
SZ SONAT BASIS FUTURE									490
8Z SOUTH STAR TEX OKLHM KNS NG B					80				248
NK SUMAS BASIS					4424				7348
DVS SUMAS NAT GAS PLATTS FIXED PRICE									490
TC TCO BASIS					7385				23753
NM TENNESSEE 500 LEG BASIS									734
6Z TENNESSEE 800 LEG NG BASIS									368
NQ TENNESSEE ZONE 0 BASIS									972
IX TETCO M-3 INDEX									5992
TX TETCO STX BASIS					490				1465
NX TEXAS EASTERN ZONE M-3 BASIS					4753				19167
9F TEXAS GAS ZONE1 NG BASIS					3848				11228
CZ TRANSCO ZONE 3 BASIS					2205				6282
Y6 TRANSCO ZONE 3 NG INDEX									6256
B2 TRANSCO ZONE 4 NAT GAS INDEX								155	465
NZ TRANSCO ZONE 6 BASIS					1958				7465
TZI TRANSCO ZONE 6 GAS INDEX									1336
IT TRANSCO ZONE 6 INDEX									1712
TZ6 TRANSCO ZONE 6 NON NY BASIS					4515				11135
TR TRANSCO ZONE4 BASIS					6235				21952
UKG UK NBP NAT GAS CAL MTH FUT	675			675	380	+	119	155	
NBP UK NBP NATURAL GAS FRONT MTH FUT	138			138	28	+	27		
NW WAHA BASIS					4842				9564

PETROLEUM ENERGY FUTURES

1W 1% FUEL OIL (PLT) CARG CIF MED					126				52
1X 1% FUEL OIL (PLT) CARG CIF NWE					72				
FOM 1% FUEL OIL PLATTS FOB BALMO									30
33 1% FUEL OIL RDM VS 1% OIL NWE PLTS									138
FVB 1.0% FUEL OIL (PLATTS) FOB NWE					30				
BOB 3.5% FUEL OIL (PLATTS) FOB RDA			79	79	4320	+	11	230	5022
7D 3.5% FUEL OIL CID MED					305				607
8D 3.5% FUEL OIL CIF BALMO					90				50
63 3.5% FUEL OIL RDAM VS FOB MED BALM					70				105
FCB 3.5% FUELOIL FOB RDAM CRK SPD BALMO					50				32
EOB ARGUS GASOLINE NWE CRACK SPR					75				72
5C CHICAGO ULSD PL VS HO SPR			30	30	730	+	30		1512
3C CHICAGO UNL GAS PL VS RBOB SPR					525				27
NCP DALY EUROP NAPHTHA PLTS CIF NWE FUT									440
EWN E/W NAPHTHA JAPAN CF-CARGOS CIF NWE					1111			45	981
EW EAST/WEST FUEL OIL SPREAD					137				814
EWG EAST-WST GASOLINE SPREAD PLATTS/ARG					13033				5996
A5 EIA FLAT TAX ONHWAY DIESEL					1841				3986
JE EIA FLAT TAX US RETAIL GASOLINE					285				18
EFM EUR 1%FUEL OIL CARGO FOB MED PLATTS									155
ENS EUR1%FUEL OIL FOB MED-EUR1% FOB NWE					190				115
EFF EUR3.5%FUEL OIL CARGO FOB MED BALMO					93				50
KX EURO 1% FUEL OIL NEW BALMO									5
KR EURO 3.5% FUEL OIL RDAM BALMO					657			68	340
FK EURO 3.5% FUEL OIL SPREAD					329				1841
ET EURO DIESEL 10PPM VS ICE					385				252
EPN EURO PPNE CIFARG VS NAPHTHA NWE SW			6	6	1272	+	6	9	585
43 EUROP NAPHTHA PLATTS CRCK SPR BALMO					585				296
UF EUROPE 1% FUEL OIL NWE CAL					256				209
UH EUROPE 1% FUEL OIL RDAM CAL									16
UI EUROPE 3.5% FUEL OIL MED CAL					435				686
UV EUROPE 3.5% FUEL OIL RDAM CAL			141	141	12485	+	71	414	10633
UJ EUROPE JET KERO NWE CAL					36				36
UN EUROPE NAPHTHA CAL			96	96	2776	+	55	58	2752
KZ EUROPEAN NAPHTHA BALMO					161				311
EN EUROPEAN NAPHTHA CRACK SPREAD			262	262	12920	+	126	537	9937
FS FUEL OIL CARGOES VS.BARGES			15	15	812	+	15		854
FO FUEL OIL CRACK VS ICE			181	181	16952	-	10	150	19307
FI FUEL OIL NWE CRACK VS ICE					171				
GCI G. COAST #6 FUEL OIL 3.0% VS BRENT					3004				3745
7R GAS EUROBOB (ARGUS) BALMO					202				119
7I GAS EUROBOB (ARGUS) CRK BALMO					315				50
7K GAS EURO-BOB OXY (ARG) CRACK			1645	1645	34563	+	1349	577	30360
7H GAS EURO-BOB OXY (ARG) NEW BRG			531	531	6354	+	210	291	5679
GOC GASOIL (ICE) CRACK SPREAD					69				109
WQ GASOIL 0.1 RDAM BRGS VS ICE					168				135
VL GASOIL 0.1 ROTTERDAM BARGES SW					205				25
Z5 GASOIL 0.1CIF MED VS ICE GAS					10				45
TP GASOIL 10PPM VS ICE					426			5	905
GX GASOIL CALENDAR					12				75
GZ GASOIL CRACK SPREAD CALENDAR					25376			950	21633
QA GASOIL MINI CALENDAR					611			20	348
A7 GROUP THREE ULSD (PLATTS)					112				225
A6 GRP THREE ULSD(PLT)VS HEAT OIL					10335			75	6206
A8 GRP THREE UNL GS (PLT) VS RBOB					4442				3485
CRB GULF CBOB A2 PL VS RBOB SPR F					1015				74
GCU GULF CO NO6 FUELOIL 3% V. EURO 3.5%			4089	4089	32549	+	1543	415	18629
VZ GULF COAST 3% FUEL OIL BALMO					947			50	1226
MF GULF COAST HSFO (PLATTS) FUTURES			3828	3828	51756	+	939	1084	47845
GE GULF COAST JET FUEL CLNDR					639				996
ME GULF COAST JET VS NYM 2 HO SPRD			1275	1275	34080	+	263	610	31123
MG GULF COAST NO.6 FUEL OIL CRACK					7471			25	4240
LY GULF COAST ULSD CALENDAR					1183				2976

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	-----	-----		-----	-----		-----	-----	
	OVERALL	COMBINED	TOTAL	-----	-----		-----	-----	
	VOLUME	OPEN	INTEREST	&	CHGE		-52 WEEKS	COMBINED	AGO-
							OVERALL	TOTAL	OVERALL
							VOLUME	OPEN	INTEREST
GY GULF COAST ULSD CRACK SPREAD						1045			2248
GCB GULF CST NO6 FO 3% V EURO 3.5 BALMO						200			
GBB GULF CST UNL 87 GAS M2 V. RBOB BLMO						670	+	120	815
GCM GULF UNL87 GAS M2 PLATTS F						121			
GCC GULF UNL87 M2 PL CRACK SPRD F						550			325
RVG GULF UNL87 M2 PL VS RBOB SPR F						22209	-	350	1210
1G HEATING OIL BALMO CLNDR						550			22916
HOB HEATING OIL VS. BRENT CRACK SPREAD						8244			195
JA JAPAN C&F NAPHTHA						2005	-	5	300
JB JAPAN C&F NAPHTHA CRACK SPREAD						1060			342
E6 JAPAN NAPHTHA BALMO						31			13959
1T JET AVIA FUEL(PLTT) CRGS FOB M						36			2055
1V JET AVIA FUEL(PLTT) FOB V. ICE						18			1347
JC JET CIF NWE VS ICE						575			607
1M JET FUEL UP-DOWN BALMO CLNDR S						18			36
KL LA CARB DIESEL (OPIS)						3560			21
JL LA CARBOB GASOLINE(OPIS)						375			456
JS LA JET (OPIS)						1125	+	50	5893
LX LOS ANGELES CARB DIESEL (OPIS)						2450			160
MAS MIN ARGUS PROPANE SAUDI ARAMCO						90			150
MNC MIN EURO NPHTHA CIF NWE						4215	-	13	2140
MGF MIN GSL .1 PLTS CRGS CIFNWE VS GSL						50			39
MJN MIN JAPAN C&F NAPHTHA PLATTS						2587	+	92	518
MJC MIN JETKERO CRGOS CIF NWE VS GASOIL						565			4844
MTB MIN SPORE FUELOIL380CST(PLTS) BALMO						20			163
UCM MIN ULSD 10PPM CRGOS CIF MED VS GSL						436			92
MGN MIN ULSD 10PPM CRGS CIF NWE VS GSL						20			1885
MFD MINI 1% FUEL OIL CAR MED						85			285
MMF MINI 3.5% FUEL OIL CAR MED						10			125
MAC MINI ARGUS MOGAS CRACK						330			55
MAE MINI ARGUS PROPANE FAR EAST IDX						75			20
T0 MINI EU 1%FO BARGE FOB RDAM FUT						20			471
0B MINI EU 1%FO CARGO FOB NWE FUT						109			55
0E MINI EU 3.5%FO BARGE FOB RDAM BALMO						109			76
0D MINI EU 3.5%FO BARGE FOB RDAM FUT						4212	+	15	7135
MUD MINI EUR DIESEL10PPM VS ICE GS						182			614
MEN MINI EURO NAPHTHA BALMO						232			10
MEO MINI GAS EUROBOB OXY BARGES						3537	+	77	695
MEB MINI GAS EUROBOB OXY NWE ARGS BALMO						494	+	40	762
MGB MINI GSOIL .1 PLTTS VS ICE GSOIL SW						80			40
EGM MINI JAPAN NAPHTHA BALMO FUT						30			11511
MXB MINI RBOB V. EBOB(ARGUS) NWE BRGS						2370			439
MXR MINI RBOB V. EBOBARG NWE BRGS BALMO						862			30
MTS MINI SINGAPORE 380CST FUEL OIL						7848	+	160	47
5L MINI SINGAPORE FO 180 CST BALMO FUT						46			346
0F MINI SINGAPORE FO 180 CST FUT						816	+	18	2480
MSG MINI SINGAPORE GASOIL PLATS FUT						110			188
1N MOGAS92 UNLEADED (PLATTS)						16571	+	50	149
1P MOGAS92 UNLEADED (PLTS) BLM SW						300			19679
51 MT BELV LDH PROPEN VS EUR CIF ARA SW						3			30
MBL MT BELVIEU LDH ISO-BUTANE(OPIS)						10			660
NOB NAPHTHA (PLATTS) NWE CRACK						1933	+	44	20
NBB NAPHTHA (PLATTS) NWE CRACK BALMO SW						60			860
NYF NEW YORK FUEL OIL 1% V. EURO 1% FO									800
UT NO 2 UP-DOWN SPREAD CALENDAR						125			15734
88 NWE EUR FUEL OIL HGHLOW SULF BALMO						45			315
FOC NY 3% FUEL OIL V GULF COAST NO6 3%						2600			500
H1 NY 3.0% FUEL OIL (PLATTS)						625			2775
JTB NY BUCKEYE JET FUEL V. NY HR BALMO						660			335
JET NY BUCKEYE JET FUEL VS NY HARB ULSD						1625			
VK NY HARBOR 1% FUEL OIL BALMO									
NLS NY HARBOR LOW SULPUR GAS 1000MBBL						665			25
MM NY HARBOR RESIDUAL FUEL 1.0% S						1805			1215
7Y NY ULSD(ARGUS) VS HO SPREAD						218			4765
VR NY1% VS GC SPREAD						3624			1415
HK NYH NO 2 CRACK SPREAD CAL						5091			300
BH NYMEX HEATING OIL FUTURES						260			6165
MP NYMEX NY HARBOR HEAT OIL CLNDR						7052	+	15	150
RT NYMEX RBOB GASOLINE FUTURES						4043			9037
SF3 NYM-SINGAPORE FUEL OIL 380CST CRK S						201			248
7L PREM UNL GAS 10 PPM (PLTS) RDM									10604
3G PREMIUM UNLD 10P FOB MED						663			1232
8G PREMIUM UNLEAD 10PPM FOB BLMO									6
RL RBOB CALENDAR FUTURE						249			17
RM RBOB CRACK SPREAD						120			110
EXR RBOB GAS VS EUROBOB(ARGUS) NWE BRGS						114			14
RBB RBOB GAS VS. BRENT CRCK SPRD						300			748
1D RBOB GASOLINE BALMO CLNDR						1200			10123
RI RBOB SPREAD (PLATTS)									1939
RH RBOB VS HEATING OIL									3115
MSD SG VISCOSITY SPREAD BALMO									14362
EVC SING 380 FUEL OIL VS FUEL OIL ROTDM						415			365
SFB SING 380CST VS 3.5 FUEL ROTDM BALMO						30			24
SGG SING GAS 500 PPM (PLATTS) VS. LOW S						125			4061
BS SINGAPORE 180CST BALMO						62			10
BT SINGAPORE 380CST BALMO						90			6760
SE SINGAPORE 380CST FUEL OIL						201			25
UA SINGAPORE FUEL 180CST CAL						59			100
SD SINGAPORE FUEL OIL SPREAD						30			307
SG SINGAPORE GASOIL						10			14420
VU SINGAPORE GASOIL BALMO									201
GA SINGAPORE GASOIL VS ICE						150			14420
KSD SINGAPORE JET DUBAI CRACK									15
RK SINGAPORE JET KERO GASOIL									2058
KS SINGAPORE JET KEROSENE									1609
V0 SINGAPORE MOGAS 95									17342
									100
									27311
									75
									6180
									2785
									405

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.
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PG02C BULLETIN # 76@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

Fri, Apr 20, 2018 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
SMU SINGAPORE MOGAS95-SINGAPORE MOGAS92					228			
STZ SINGAPORE GASOIL 10PPM V GSOLSPD FUT					3825			300
STR SPORE FUEL OIL 180CST 6.35 CK								64
STS SPORE FUEL OIL 180CST 6.35 DUBAI CK					1161			
1NB SPORE MOGAS92 UNLD BRENT SPRD					4346			3605
Z6 ULSD 10PPM CIF MED							5	5
Z7 ULSD 10PPM CIF MED VS ICE GAS					24			33
1L ULSD UP-DOWN BALMO					5500			2665
LT UP DOWN GC ULSD VS NMX HO SPRD			714	714	30944	+	231	1890

NGL PETROCHEM ENERGY FUTURES

91 ARGUS FAR E NDX VS EUR CIF ARA			21	21	862	+	2	510
7E ARGUS PROPAN FAR EST INDEX			164	164	4927	+	18	1594
9N ARGUS PROPAN(SAUDI ARAMCO)			86	86	1878	+	1	722
22 ARGUS PROPANE FAR E INDX BALMO					215			64
8L CONWAY NAT GASOLINE					764			860
8M CONWAY NORMAL BUTANE					713			2838
CPB CONWAY PROPANE (OPIS) BALMO					297			50
8K CONWAY PROPANE 5 DEC.			812	812	21380	+	339	1033
32 EUR PROPANE CIF ARA ARGUS BALMO					212			83
PS EURO PROPANE CIF ARA			26	26	1661	+	8	56
MPS MINI EURO PROPANE CIF ARA ARGUS FUT					130			1000
8C MT BELVIEU ETHANE BALMO					90			200
80 MT BELVIEU LDH PROPANE BALMO					1833		25	1316
R0 MT BELVIEU NAT GASOLINE BALMO					203			155
8J MT BELVIEU NORMAL BUTANE BALM					775			405
C0 MT BELVIEU ETHANE 5-DCML (OPIS)			460	460	45973	+	80	2172
MBB MT BELVIEU ETHYLENE (PCW) BALMO					25			84273
MBN MT BELVIEU ETHYLENE (PCW) FINCL					4118			2757
MBE MT BELVIEU ETHYLENE IN-WELL (PCW)					670			2145
8I MT BELVIEU ISO BUTANE 5 DEC. S			120	120	5786	+	120	72
7Q MT BELVIEU NAT GAS 5-DCML (OPIS)			275	275	19579	-	10	145
MNB MT BELVIEU NORMAL BUTANE LDH(OPIS)			169	169	4678	+	83	15
D0 MT BELVIEU NRM BUTANE 5-DCML (OPIS)			2847	2847	32954	+	770	3138
B0 MT BELVIEU PROPANE 5-DCML (OPIS)			4532	4532	112559	+	135	2973
1R PROPANE NON LDH MT BELVIEU			55	55	39688	+	55	27441
1S PROPANE NON LDH MT BLV BALMO					487			122

ETHANOL ENERGY FUTURES

CU CHICAGO ETHANOL	6		4801	4807	57863	-	258	2671	51266
ACF ETHANOL FUTURES	502			502	1903	-	22	479	4804
Z1 ETHANOL(PL) T2 FOB RTRDM INCL			88	88	4739	+	63	100	3959
MT2 METHANOL T2 FOB RDAM (ICIS) FUTURES					10				
EZ NEW YORK ETHANOL			50	50	2935	-	10		645

ELECTRICITY ENERGY FUTURES

VD AEP-DAYTON HUB DAILY					368	-	46		525
VP AEP-DAYTON HUB OFF-PEAK MONTHLY									450
VM AER-DAYTON HUB MTHLY									630
9X CAISO SP15 EZGNHUB5 MW P DAY A									6450
9Z CAISO SP15 EZGNHUB5 PEAK CLN D									850
K2 CIN HUB 5MW D AH O PK					110600				378520
H5 CIN HUB 5MW D AH PK					7386				19649
H4 CIN HUB 5MW REAL TIME O PK					370904				586568
H3 CIN HUB 5MW REAL TIME PK					31209				48821
EJ CINERGY HUB OFF-PEAK MONTH					90				128
EM CINERGY HUB PEAK MONTH					216				288
I2 ERCOT HSTN Z MCPE 5 MW OFFPK S					19600				
I1 ERCOT HSTN Z MCPE 5 MW PEAK SW					2200				
I3 ERCOT HSTN Z MCPE5 PEAK CLND D					360	-	30		
I6 ERCOT NRTH Z MCPE 5 MW OFFPK S					130480				
I5 ERCOT NRTH Z MCPE 5 MW PEAK SW					6960				
I7 ERCOT NRTH Z MCPE5 PEAK CLND D					360	-	30		240
DEB GERMAN POWER BASELOAD CAL MONTH FUT					63				
IDO ISO NEW ENG MASS HUB DA OP DAILY					7424	-	256		6728
KI ISO NEW ENGLAND OFF-PEAK LMP									126
NI ISO NEW ENGLAND PEAK LMP									153
MDA MID-COLUMBIA DAYAHEAD PEAK DAILY FIX									550
MDC MID-COLUMBIA DAY AHEAD PEAK FIX PRI									2600
HMW MIDWEST ISO MICHIGAN HUB 5MW PEAK C					1337				10960
FAD MISO INDIANA HUB 5MW OFFPK CALDAY DA					8400	-	280		10800
FTD MISO INDIANA HUB 5MW OFFPK CALDAY RT					16800	-	560		7440
PDD MISO INDIANA HUB 5MW PK CAL DAYHD					372	-	31		684
PTD MISO INDIANA HUB 5MW PK CAL-DAY RT					1079	-	83		936
HMO MISO MICHIGAN HUB OF-PK DA MONTHLY					24808				169560
UD N ILLINOIS HUB DAILY					1032	-	129		854
UM N ILLINOIS HUB MTHLY									180
P3 NEPOOL CNCTCT 5MW D AH O PK									3561
P2 NEPOOL CONECTIC 5MW D AH PK									190
H2 NEPOOL INTR HUB 5MW D AH O PK					492229				638817
U6 NEPOOL INTR HUB 5MW D AH PK					33041				44743
P8 NEPOOL NE MASS 5MW D AH O PK					14040				
P7 NEPOOL NE MASS 5MW D AH PK					765				
U4 NEPOOL RHD ISLD 5MW D AH PK									950
U5 NEPOOL RHODE IL 5MW D AH O PK									17805
L9 NEPOOL W CNT MASS 5MW D AH O PK									7122
R6 NEPOOL W CNTR M 5MW D AH PK									480
CE NEW ENGLAND HUB PEAK DAILY					1003	-	59		704
GN NEW YORK HUB ZONE G PEAK DAILY					1224	-	72		800
JN NEW YORK HUB ZONE J PEAK DAILY					340	-	20		496
KJ NYISO J									1251
KK NYISO J OFF-PEAK									270

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EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY OPTIONS
ON FUTURES



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PG02CBULLETIN # 76@

EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY OPTIONS ON FUTURES

Fri, Apr 20, 2018 PG02C

	LOBEX® VOLUME	OPEN OUTCRY VOLUME	PNT VOLUME	----- VOLUME	OVERALL COMBINED TOTAL OPEN INTEREST & CHGE	----- VOLUME	-52 WEEKS (364 DAYS) AGO- OVERALL COMBINED TOTAL OPEN INTEREST
LHV NYISO LOW HUD VAL CAP FUT					378		324
NNC NYISO NYC IN-CITY CAPACITY CAL MO			80	80	744		1646
NRS NYISO REST OF STATE CAPACITY CAL MO					1678		1398
K4 NYISO ZONE A 5MW D AH O PK					53614		146310
K3 NYISO ZONE A 5MW D AH PK					6120		11380
ZAO NYISO ZONE A DA OP DAILY					3248	- 112	6960
AN NYISO ZONE A LBMP FUTURE					306	- 18	640
58 NYISO ZONE E 5MW DAY AHEAD OFF-PEAK							14244
55 NYISO ZONE E 5MW DAY AHEAD PEAK							760
4M NYISO ZONE F 5MW DAY AHEAD OFF-PEAK					53175		
4L NYISO ZONE F 5MW DAY AHEAD PEAK					2865		215
D2 NYISO ZONE G 5MW D AH O PK					575478		371741
T3 NYISO ZONE G 5MW D AH PK					21540		23585
ZGO NYISO ZONE G DA OP DAILY					13224	- 456	4872
D4 NYISO ZONE J 5MW D AH O PK					233441		303221
D3 NYISO ZONE J 5MW D AH PK					16731		18773
ZJO NYISO ZONE J DA OP DAILY					5800	- 200	1160
OFD ONTARIO OFF-PK CALENDAR DAY FUT							2400
OFM ONTARIO OFF-PK CAL-MO FUT							31610
OPD ONTARIO PEAK CAL-DAY FUT							60
OPM ONTARIO PEAK CAL-MONTH FUT							1070
V3 PJM AD HUB 5MW REAL TIME O PK					295074		653586
Z9 PJM AD HUB 5MW REAL TIME PK					19291		33472
X1 PJM AECO DA OFF-PEAK							7128
Y1 PJM AECO DA PEAK							378
PEO PJM AEP DAYTON HUB DA OP DAILY					4872	- 168	5800
PAP PJM AEP DAYTON HUB DA PEAK DAILY					198	- 18	715
AOR PJM AEP DAYTON HUB RT OP DAILY					7440	- 248	25440
MOD PJM ASTI ZONE PEAK DA MO					7760		78450
MPD PJM ATSI ZONE MONTHLY DAILY					430		4240
R3 PJM BGE DA OFF-PEAK					10970		33552
E3 PJM BGE DA PEAK					597		1827
D9 PJM COMED 5MW D AH O PK					17725		68925
D8 PJM COMED 5MW D AH PK					955		3695
JD PJM DAILY					3512	- 439	2653
R7 PJM DAYTON DA OFF-PEAK					100504		211428
D7 PJM DAYTON DA PEAK					9216		18098
F2 PJM JCPL DA OFF-PEAK							7920
J2 PJM JCPL DA PEAK							420
46 PJM METED ZONE OFFPK CAL LMP					25794		45869
47 PJM METED ZONE PEAK CAL LMP					1406		2484
JM PJM MONTHLY					1190		3092
B6 PJM NI HUB 5MW REAL TIME O PK					504654		12010 1348473
B3 PJM NI HUB 5MW REAL TIME PK					25940		60761
L3 PJM NILL DA OFF-PEAK					342182		12010 1404477
N3 PJM NILL DA PEAK					20506		65065
PNO PJM NORTERN ILL HUB DA OP DAILY					31320	- 1080	45936
PNP PJM NORTERN ILL HUB DA PEAK DAILY					1199	- 109	1672
NOC PJM NORTERN ILL HUB RT OP DAILY					29760	- 992	33840
JP PJM OFF-PEAK LMP FUTURE					370		888
W6 PJM PSEG DA OFF-PEAK					38920		120960
L6 PJM PSEG DA PEAK					860		5100
PWO PJM WESTERN HUB DA OP DAILY FUT					12760	- 440	38280
PWP PJM WESTERN HUB DA PEAK DAILY					605	- 55	1826
WOR PJM WESTERN HUB RT OP DAILY					42960	- 1432	43920
E4 PJM WESTH DA OFF-PEAK					349827		898582
N9 PJM WESTH RT OFF-PEAK					1570046		16000 2401780
L1 PJM WESTH RT PEAK			1100	1100	111352	+ 660	660 145701
J4 PJM WESTHDA PEAK					18960		50990

COAL ENERGY FUTURES

ALW AUSTRALIAN COKING (PLATTS) LOW VOL					264		806
ICI COAL (ICI4) INDONESIAN COAL INDEX			20	20	100	+ 20	
MTF COAL API2 CIF ARA ARG-MCCLOSKEY			797	797	41749	+ 147	1435 70323
MFF COAL API4 RCH BAY ARGS MCCLOSKEY SW			25	25	4929	- 15	1050 12357
ACM COAL API5 FOB NEWCASTLE ARG/MC FUT					160		260
QX EASTERN RAIL DELIVERY CSX COAL					195		1303
QP WESTERN RAIL DELIVERY PRB COAL					370		1460

FREIGHT ENERGY FUTURES

FLP FREIGHT ROUTE LIQUID PETROLEUM GAS			9	9	741		934
FRC FREIGHT ROUTE TC14 (BALTIC) FUTURES					45		
TC6 FREIGHT ROUTE TC6 (BALTIC)					180		
T2D FREIGHT ROUTE TD20 (BALTIC) FUTURES					351		
TM TC2 ROTTERDAM TO USAC 37K MT					363		
TH TC5 RAS TANURA TO YOKOHAMA 55K MT					95		
TL TD3 MEG TO JAPAN 250K MT					1682		

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PG02C BULLETIN # 76@

Fri, Apr 20, 2018 PG02C

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	GLOBAL [®]	OPEN OUTCRY	PNT		OVERALL	COMBINED TOTAL		-52 WEEKS (364 DAYS) AGO-	
	VOLUME	VOLUME	VOLUME		VOLUME	OPEN INTEREST & CHGE		OVERALL COMBINED TOTAL	OPEN INTEREST
AA BRENT 1 MONTH CALENDAR OPTIONS	C					3000			
TOTAL BRENT 1 MONTH CALENDAR OPTIONS						3000			
BA BRENT AVERAGE PRICE OPTION	C					1881			10537
BA BRENT AVERAGE PRICE OPTION	P					1290			3620
TOTAL BRENT AVERAGE PRICE OPTION						3171			14157
9C BRENT CRUDE OIL 1 M CSO FIN	C					164072			
9C BRENT CRUDE OIL 1 M CSO FIN	P					49300			
TOTAL BRENT CRUDE OIL 1 M CSO FIN						213372			
9L BRENT CRUDE OIL 6 M CSO FIN	C					500			
9L BRENT CRUDE OIL 6 M CSO FIN	P					500			
TOTAL BRENT CRUDE OIL 6 M CSO FIN						1000			
BZO BRENT CRUDE OIL FUT MARGIN OPT	C	425	1950	2375	136028	+	1688	358	38120
BZO BRENT CRUDE OIL FUT MARGIN OPT	P	1127	2000	3127	92743	+	1610	46	27221
TOTAL BRENT CRUDE OIL FUT MARGIN OPT		1552	3950	5502	228771	+	3298	404	65341
OS BRENT CRUDE OIL OPTIONS	C					48			11360
OS BRENT CRUDE OIL OPTIONS	P					1096			9916
TOTAL BRENT CRUDE OIL OPTIONS						1144			21276
BE BRENT EURO STYLE OPTION	C					53557			3162
BE BRENT EURO STYLE OPTION	P					23063			1812
TOTAL BRENT EURO STYLE OPTION						76620			4974
WCI CANADIAN HEAVY CRUDE OIL APO	C					3500			
WCI CANADIAN HEAVY CRUDE OIL APO	P					1190			
TOTAL CANADIAN HEAVY CRUDE OIL APO						4690			
CE1 CHICAGO ETHANOL 1 MTH CAL SPD OPT	C					75			10
CE1 CHICAGO ETHANOL 1 MTH CAL SPD OPT	P					100			10
TOTAL CHICAGO ETHANOL 1 MTH CAL SPD OPT						175			20
CE3 CHICAGO ETHANOL 3 MTH CAL SPD OPT	C								300
TOTAL CHICAGO ETHANOL 3 MTH CAL SPD OPT									300
CVR CHICAGO ETHANOL(PLATTS) APO	C		125	125	6870	+	125	215	4630
CVR CHICAGO ETHANOL(PLATTS) APO	P		75	75	4953	+	45	60	3996
TOTAL CHICAGO ETHANOL(PLATTS) APO			200	200	11823	+	170	275	8626
CQA COAL API2 ARGUS/MCCLOS QRTR OPT	C					425			305
CQA COAL API2 ARGUS/MCCLOS QRTR OPT	P					400			235
TOTAL COAL API2 ARGUS/MCCLOS QRTR OPT						825			540
CLA COAL API2 ARGUS/MCCLOS CALNDR OPT	C					700			1807
CLA COAL API2 ARGUS/MCCLOS CALNDR OPT	P					1375			2325
TOTAL COAL API2 ARGUS/MCCLOS CALNDR OPT						2075			4132
MTO COAL API2 CIF ARA ARGSMCCLOSKEY OP	C					315			680
MTO COAL API2 CIF ARA ARGSMCCLOSKEY OP	P					180			340
TOTAL COAL API2 CIF ARA ARGSMCCLOSKEY OP						495			1020
MFO COAL API4 FOB RCHRDS BAY ARGS MCCLC	C					325			
MFO COAL API4 FOB RCHRDS BAY ARGS MCCLC	P					1000			
TOTAL COAL API4 FOB RCHRDS BAY ARGS MCCLC						1325			
RLA COAL API4 R BAY ARGUS/MCK CAL	C					25			
RLA COAL API4 R BAY ARGUS/MCK CAL	P					25			
CPR CONWAY PROPANE (OPIS) APO	C								18
TOTAL CONWAY PROPANE (OPIS) APO									18
AO CRUDE OIL APO OPTIONS	C		1920	1920	226888	+	1680		142167
AO CRUDE OIL APO OPTIONS	P		1044	1044	247699	+	684		180157
TOTAL CRUDE OIL APO OPTIONS			2964	2964	474587	+	2364		322324
6F CRUDE OIL OPTION ON CALENDAR STRP	P					170			
TOTAL CRUDE OIL OPTION ON CALENDAR STRP						170			
LO1 CRUDE OIL OPTIONS	C	40		40	245	+	26	30	47
LO1 CRUDE OIL OPTIONS	P	77		77	183	+	41	38	337
TOTAL CRUDE OIL OPTIONS		117		117	428	+	67	68	384
LO2 CRUDE OIL OPTIONS	C	13		13	72	+	12	55	377
LO2 CRUDE OIL OPTIONS	P	3		3	41	+	2	1	25
TOTAL CRUDE OIL OPTIONS		16		16	113	+	14	56	402
LO3 CRUDE OIL OPTIONS	C	2769		2769		-	2764	504	
LO3 CRUDE OIL OPTIONS	P	1344		1344		-	3896	850	
TOTAL CRUDE OIL OPTIONS		4113		4113		-	6660	1354	
LO4 CRUDE OIL OPTIONS	C	1292		1292	2839	+	933	2006	2802
LO4 CRUDE OIL OPTIONS	P	654		654	1855	+	388	2096	2724
TOTAL CRUDE OIL OPTIONS		1946		1946	4694	+	1321	4102	5526
CPF CSX COAL OPT ON QTRLY FUT STRP	C					20			40
TOTAL CSX COAL OPT ON QTRLY FUT STRP						20			40
AH DUBAI CRUDE OIL (PLATTS) APO	C					75			75
AH DUBAI CRUDE OIL (PLATTS) APO	P					75			75
TOTAL DUBAI CRUDE OIL (PLATTS) APO						150			150
DAP EIA FLAT TAX ON-HIGHWAY DIESEL APO	C					54			
TOTAL EIA FLAT TAX ON-HIGHWAY DIESEL APO						54			
LB EURO HEATING OIL	C								850
LB EURO HEATING OIL	P								506
TOTAL EURO HEATING OIL									1356
GVR GULF COAST JET FUEL(PLATTS)APO	C					1386			2241
GVR GULF COAST JET FUEL(PLATTS)APO	P					840			165
TOTAL GULF COAST JET FUEL(PLATTS)APO						2226			2406
AT HEATING OIL APO (AVG PRICE) OPTIONS	C		75	75	13749	+	75	152	24589
AT HEATING OIL APO (AVG PRICE) OPTIONS	P				4267			1	4923
TOTAL HEATING OIL APO (AVG PRICE) OPTIONS			75	75	18016	+	75	153	29512
E7 HENRY HUB FINANCIAL LAST DAY O	C					4250			5106
E7 HENRY HUB FINANCIAL LAST DAY O	P					1884			5632
TOTAL HENRY HUB FINANCIAL LAST DAY O						6134			10738
FA HO 1 MONTH CALENDAR OPTIONS	C								1000
FA HO 1 MONTH CALENDAR OPTIONS	P								300
TOTAL HO 1 MONTH CALENDAR OPTIONS									1300
W30 LLS ARGUS V.WTI CRUDE OIL AVG PRICE	C					1800			7425
W30 LLS ARGUS V.WTI CRUDE OIL AVG PRICE	P					1800			3600
TOTAL LLS ARGUS V.WTI CRUDE OIL AVG PRICE						1800			11025
YVO MARS-WTI TRADE MONTH APO	C					500			
YVO MARS-WTI TRADE MONTH APO	P					500			
TOTAL MARS-WTI TRADE MONTH APO						1000			
4J MT BELVIEU ETHANE 5-DCML (OPIS)	C					1440			490
4J MT BELVIEU ETHANE 5-DCML (OPIS)	P							75	4175
TOTAL MT BELVIEU ETHANE 5-DCML (OPIS)						1440		75	4665
4H MT BELVIEU PROPANE 5-DCML (OPIS)	C					569			762
4H MT BELVIEU PROPANE 5-DCML (OPIS)	P					1021			2094
TOTAL MT BELVIEU PROPANE 5-DCML (OPIS)						1590			2856
G10 NATGAS FINANCIAL CSO 4 MONTH	C								250
TOTAL NATGAS FINANCIAL CSO 4 MONTH									250
G4 NATURAL GAS 1 M CSO FIN	C							11900	31250
G4 NATURAL GAS 1 M CSO FIN	P							2250	22375
TOTAL NATURAL GAS 1 M CSO FIN								14150	53625

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PRELIMINARY

PG02C BULLETIN # 76@

Fri, Apr 20, 2018 PG02C

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	GLOBAL [®]	OPEN OUTCRY	PNT	-----	OVERALL	COMBINED TOTAL	-----	-52 WEEKS (364 DAYS) AGO-	OVERALL COMBINED TOTAL
	VOLUME	VOLUME	VOLUME	VOLUME	VOLUME	OPEN INTEREST & CHGE	VOLUME	OVERALL	OPEN INTEREST
G2 NATURAL GAS 2 M CSO FIN	C								350
G2 NATURAL GAS 2 M CSO FIN	P								1500
TOTAL NATURAL GAS 2 M CSO FIN									1850
G3 NATURAL GAS 3 M CSO FIN	C					7750			2700
G3 NATURAL GAS 3 M CSO FIN	P					23535			8300
TOTAL NATURAL GAS 3 M CSO FIN			250	250	250	31285		1000	11000
G5 NATURAL GAS 5 M CSO FIN	C					300			1550
G5 NATURAL GAS 5 M CSO FIN	P					1450			1351
TOTAL NATURAL GAS 5 M CSO FIN						1750			2901
G6 NATURAL GAS 6 M CSO FIN	C					500			500
TOTAL NATURAL GAS 6 M CSO FIN						500			500
6J NATURAL GAS OPTION ON CALENDAR STRP	C					3922			5038
6J NATURAL GAS OPTION ON CALENDAR STRP	P					7464			920
TOTAL NATURAL GAS OPTION ON CALENDAR STRP						11386			5958
ZR NORTHERN ROCKIES PIPE OPTION	C					1624			4230
TOTAL NORTHERN ROCKIES PIPE OPTION						1624			4230
9U NYISO ZONE G OPTION	C								11470
9U NYISO ZONE G OPTION	P								3440
TOTAL NYISO ZONE G OPTION									14910
LC NYMEX CRUDE OIL (EURO) OPTS (PHY)	C		400	400	36843	+	400	5380	50826
LC NYMEX CRUDE OIL (EURO) OPTS (PHY)	P		400	400	18785	+	400		25616
TOTAL NYMEX CRUDE OIL (EURO) OPTS (PHY)			800	800	55628	+	800	5380	76442
LO NYMEX CRUDE OIL OPTIONS (PHY)	C	45687	11450	57137	1689439	+	9258	140268	1732312
LO NYMEX CRUDE OIL OPTIONS (PHY)	P	52690	11250	63940	1294766	+	22374	173523	1136507
TOTAL NYMEX CRUDE OIL OPTIONS (PHY)		98377	22700	121077	2984205	+	31632	313791	2868819
OH NYMEX HEATING OIL (PHY) OPTIONS	C	317	140	457	38337	+	64	385	38818
OH NYMEX HEATING OIL (PHY) OPTIONS	P	144		144	18482	+	108	381	17698
TOTAL NYMEX HEATING OIL (PHY) OPTIONS		461	140	601	56819	+	172	766	56516
LN NYMEX NATURAL GAS (EURO) OPTS	C	12111	25467	37578	961108	+	23042	35198	1923838
LN NYMEX NATURAL GAS (EURO) OPTS	P	17645	13826	31471	751404	+	13379	39750	966796
TOTAL NYMEX NATURAL GAS (EURO) OPTS		29756	39293	69049	1712512	+	36421	74948	2890634
ON NYMEX NATURAL GAS OPTIONS (PHY)	C	2383		2383	56130	+	1475	3831	65085
ON NYMEX NATURAL GAS OPTIONS (PHY)	P	2741		2741	39493	+	1266	4100	55039
TOTAL NYMEX NATURAL GAS OPTIONS (PHY)		5124		5124	95623	+	2741	7931	120124
CD NYMEX ONE DAY CRUDE OIL OPTIONS	C								250
TOTAL NYMEX ONE DAY CRUDE OIL OPTIONS									250
KD NYMEX ONE DAY NATURAL GAS OPTIONS	C								835
KD NYMEX ONE DAY NATURAL GAS OPTIONS	P	100		100	200				260
TOTAL NYMEX ONE DAY NATURAL GAS OPTIONS		100	100	200	200				1095
OB NYMEX RBOB (PHY) OPTIONS	C	21		21	8712	-	95	204	17288
OB NYMEX RBOB (PHY) OPTIONS	P	37		37	4000	+	27	457	7792
TOTAL NYMEX RBOB (PHY) OPTIONS		58		58	12712	-	68	661	25080
PU PANHANDLE PIPE OPTION	C				2160				1440
PU PANHANDLE PIPE OPTION	P				2160				1440
TOTAL PANHANDLE PIPE OPTION					4320				2880
60A PJM WEST HUB REAL-TIME PK 5 MW OPT	C				815				1320
60A PJM WEST HUB REAL-TIME PK 5 MW OPT	P				905				1220
TOTAL PJM WEST HUB REAL-TIME PK 5 MW OPT					1720				2540
PMA PJM WEST HUB REAL-TIME PK CAL 50 MW	C				2511				5905
PMA PJM WEST HUB REAL-TIME PK CAL 50 MW	P				6468				10767
TOTAL PJM WEST HUB REAL-TIME PK CAL 50 MW					8979				16672
RPF POWDR RIVR COAL OPT ON QTY FUT STRP	C				250				125
RPF POWDR RIVR COAL OPT ON QTY FUT STRP	P								500
TOTAL POWDR RIVR COAL OPT ON QTY FUT STRP					250				625
RA RBOB APO (AVERAGE PRICE) OPTIONS	C				225				971
RA RBOB APO (AVERAGE PRICE) OPTIONS	P				300				328
TOTAL RBOB APO (AVERAGE PRICE) OPTIONS					525				1299
RF RBOB EURO EXPIRATION OPTION	C								28
RF RBOB EURO EXPIRATION OPTION	P				125				
TOTAL RBOB EURO EXPIRATION OPTION					125				28
Q6 ROTTERDAM 3.5%FUEL OIL CLN APO	C								375
Q6 ROTTERDAM 3.5%FUEL OIL CLN APO	P								45
TOTAL ROTTERDAM 3.5%FUEL OIL CLN APO									420
PJ SAN JUAN PIPE OPTION	C				1660				3352
PJ SAN JUAN PIPE OPTION	P				40				472
TOTAL SAN JUAN PIPE OPTION					1700				3824
8H SINGAPORE FUEL OIL 380 APO	C								300
TOTAL SINGAPORE FUEL OIL 380 APO									300
M2 SINGAPORE GASOIL CALENDAR APO	C								225
TOTAL SINGAPORE GASOIL CALENDAR APO									225
N2 SINGAPORE JET FUEL CALENDAR APO	C								630
TOTAL SINGAPORE JET FUEL CALENDAR APO									630
U23 U23 SHORT TERM NG OPTIONS	C		250	250	250	+	250		
TOTAL U23 SHORT TERM NG OPTIONS			250	250	250	+	250		
U24 U24 SHORT TERM NG OPTIONS	C							215	465
U24 U24 SHORT TERM NG OPTIONS	P							15	265
TOTAL U24 SHORT TERM NG OPTIONS								230	730
7A WTI CRUDE OIL 1 M CSO FIN	C				97700				59550
7A WTI CRUDE OIL 1 M CSO FIN	P				92134			750	232492
TOTAL WTI CRUDE OIL 1 M CSO FIN					189834			750	292042
WA WTI CRUDE OIL 1MO CAL SPRD OPTIONS	C		4500	4500	156475				306785
WA WTI CRUDE OIL 1MO CAL SPRD OPTIONS	P		500	500	219225			9705	418580
TOTAL WTI CRUDE OIL 1MO CAL SPRD OPTIONS			5000	5000	375700			9705	725365
BV WTI-BRENT SPREAD OPTION	C	250		250	193309	+	150	250	110915
BV WTI-BRENT SPREAD OPTION	P	550		550	162020	+	350	200	45910
TOTAL WTI-BRENT SPREAD OPTION		800		800	355329	+	500	450	156825

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